

Cost Allocation Proceeding
Chapter 3
Workpapers
SDGE Core

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Prepared by



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Chapter 3 Workpapers

SDG&E

RMPayan

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CUSTOMER FORECAST



Cost Allocation Proceeding(recorded data through 2021)

SDG&E Gas Meter Forecast						
YEAR	Core			Noncore		Total
	Residential	Commercial & Industrial	NGV	Commercial & Industrial	Electric Generation	
2019	861,502	30,246	37	46	99	891,930
2020	867,407	30,168	35	50	103	897,763
2021	873,304	30,163	33	51	98	903,649
2022	880,418	30,319	34	50	96	910,917
2023	888,738	30,378	37	50	96	919,299
2024	896,990	30,424	37	50	96	927,597
2025	905,216	30,467	37	50	96	935,866
2026	913,509	30,510	38	50	96	944,203
2027	921,721	30,549	38	50	96	952,454

EUFORCASTER



Refer to the Southern California Gas Company /Rosemarie Payan's Chapter 3 Cost Allocation Application Workpapers for the detailed documentation about the EUForecaster model. This model is used to forecast gas demands for the residential, core commercial and core industrial markets.

RESIDENTIAL



I. Residential End-Use Model Description

San Diego Gas & Electric (SDG&E) utilized the End Use Forecaster model to generate annual gas demand forecasts for the residential market. The software's market segmentation and end-use modeling framework analyzes the impacts of competitive strategies (gas vs. electricity) and market scenarios on gas demand and market shares. The model separates the residential market into four building types (B-level).

The residential market is segmented into the following 4 groups:

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

The residential model consists of eight (8) end uses (N-level segmentation). The following end uses are drivers of natural gas demand:

- Space heating
- Water heating
- Cooking
- Drying
- Pool Heating
- Spa heating
- Fireplace
- Barbeque

The model assumes two fuel choices (F-level) for the eight end uses:

- Natural gas;
- Electricity.

The model assumes up to four efficiency levels (E-levels) for the end uses. The efficiency levels are:

- Stock;
- Standard;

RESIDENTIAL DEMAND FORECAST



- High efficiency;
- Premium efficiency;

The baseline forecast was adjusted for three factors:

- Energy Efficiency;
- Fuel Substitution (AAFS- Scenario 2);
- Climate Change.

These are out of model adjustments to the baseline forecast.

San Diego Gas & Electric

Figure 1: Number of Efficiency Levels by End Use and Customer Segment

	Space Heating		Water Heating		Cooking		Drying		Pool		Spa	
	Gas	Electric	Gas	Electric	Gas	Electric	Gas	Electric	Gas	Electric	Gas	Electric
Single Family	4	4	4	4	2	2	2	2	1	1	1	1
Multi Family												
Master Meter	4	4	4	4	2	2	2	2	0	0	0	0
Sub Meter	4	4	4	4	2	2	2	2	0	0	0	0

San Diego Gas & Electric

Figure 1: Number of Efficiency Levels by End Use and Customer Segment

	Fireplace		BBQ	
	Gas	Electric	Gas	Electric
Single Family	1	1	1	1
Multi Family	0	0	1	1
Master Meter	0	0	1	1
Sub Meter				

Cost Allocation Proceeding SDGE Residential Forecasts

Average Year

San Diego Gas & Electric
 RESIDENTIAL GAS DEMAND
 FIGURE 2: AVERAGE YEAR FORECAST (IN MDTH)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
2021	3930.30	3436.39	3154.12	2586.90	1914.75	1454.63	1379.98	1372.86	1339.25	1611.79	2546.59	4033.00	28760.57
2022	3870.68	3384.24	3107.96	2551.31	1890.39	1438.07	1364.82	1357.80	1324.52	1592.56	2511.47	3970.99	28364.80
2023	3818.01	3338.15	3067.36	2520.29	1869.40	1424.06	1352.09	1345.17	1312.14	1576.17	2480.84	3916.10	28019.78
2024	3759.18	3286.69	3021.83	2485.21	1845.41	1407.77	1337.18	1330.38	1297.66	1557.25	2446.21	3854.90	27629.69
2025	3697.45	3232.69	2973.96	2448.22	1819.99	1390.40	1321.25	1314.57	1282.18	1537.14	2409.70	3790.73	27218.30
2026	3645.06	3186.86	2933.59	2417.38	1799.12	1376.48	1308.59	1302.01	1269.88	1520.84	2379.24	3736.14	26875.19
2027	3590.81	3139.39	2891.72	2385.29	1777.34	1361.86	1295.27	1288.78	1256.93	1503.78	2347.56	3679.63	26518.36

Cold Year

San Diego Gas & Electric
 RESIDENTIAL GAS DEMAND
 FIGURE 3: COLD YEAR FORECAST (IN MDTH)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
2021	4509.62	3943.95	3560.19	2840.19	2033.05	1476.44	1381.32	1372.98	1341.20	1666.49	2799.28	4656.79	31581.50
2022	4449.56	3891.42	3513.72	2804.41	2008.60	1459.86	1366.16	1357.93	1326.47	1647.22	2763.96	4594.31	31183.62
2023	4396.46	3844.95	3472.83	2773.20	1987.52	1445.84	1353.42	1345.29	1314.09	1630.80	2733.14	4538.95	30836.49
2024	4337.20	3793.11	3426.99	2737.94	1963.44	1429.53	1338.52	1330.50	1299.61	1611.84	2698.33	4477.29	30444.29
2025	4275.04	3738.73	3378.82	2700.76	1937.94	1412.14	1322.59	1314.69	1284.13	1591.68	2661.63	4412.65	30030.79
2026	4222.22	3692.52	3338.14	2669.72	1916.98	1398.20	1309.93	1302.13	1271.82	1575.34	2630.98	4357.59	29685.57
2027	4167.53	3644.67	3295.97	2637.45	1895.10	1383.57	1296.60	1288.91	1258.87	1558.23	2599.11	4300.62	29326.62

Hot Year

San Diego Gas & Electric
 RESIDENTIAL GAS DEMAND
 FIGURE 4: HOT YEAR FORECAST (IN MDTH)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
2021	3350.98	2928.84	2748.05	2333.60	1796.45	1432.83	1378.64	1372.73	1337.31	1557.09	2293.91	3409.21	25939.64
2022	3291.80	2877.06	2702.19	2298.21	1772.17	1416.28	1363.48	1357.68	1322.57	1537.90	2258.98	3347.67	25545.98
2023	3239.56	2831.36	2661.90	2267.38	1751.27	1402.29	1350.75	1345.05	1310.20	1521.55	2228.53	3293.25	25203.08
2024	3181.16	2780.27	2616.67	2232.49	1727.37	1386.01	1335.85	1330.26	1295.72	1502.67	2194.10	3232.52	24815.09
2025	3119.87	2726.65	2569.11	2195.69	1702.05	1368.66	1319.92	1314.44	1280.24	1482.60	2157.78	3168.81	24405.81
2026	3067.91	2681.20	2529.04	2165.03	1681.26	1354.75	1307.26	1301.88	1267.94	1466.35	2127.50	3114.69	24064.81
2027	3014.09	2634.11	2487.47	2133.14	1659.57	1340.15	1293.93	1288.66	1254.99	1449.32	2096.02	3058.65	23710.09

Base Year

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
2021	1118.47	1046.31	1118.47	1082.39	1118.47	1082.39	1118.47	1118.47	1082.39	1118.47	1082.39	1118.47	13205.16
2022	1099.58	1028.64	1099.58	1064.11	1099.58	1064.11	1099.58	1099.58	1064.11	1099.58	1064.11	1099.58	12982.10
2023	1084.96	1014.96	1084.96	1049.96	1084.96	1049.96	1084.96	1084.96	1049.96	1084.96	1049.96	1084.96	12809.56
2024	1066.51	997.70	1066.51	1032.11	1066.51	1032.11	1066.51	1066.51	1032.11	1066.51	1032.11	1066.51	12591.69
2025	1046.23	978.73	1046.23	1012.48	1046.23	1012.48	1046.23	1046.23	1012.48	1046.23	1012.48	1046.23	12352.29
2026	1031.72	965.16	1031.72	998.44	1031.72	998.44	1031.72	1031.72	998.44	1031.72	998.44	1031.72	12180.93
2027	1016.02	950.47	1016.02	983.25	1016.02	983.25	1016.02	1016.02	983.25	1016.02	983.25	1016.02	11995.61

Fuel Substitution

AAFS-2

SDGE Residential Market

San Diego Gas & Electric
 RESIDENTIAL GAS DEMAND
 FIGURE 6: FUEL SUBSTITUTION (AAFS SCENARIO 2)

SOURCE	YEAR	AAFS (Mdth)
Residential	2021	0.00
Residential	2022	7.41
Residential	2023	50.96
Residential	2024	113.39
Residential	2025	185.11
Residential	2026	263.34
Residential	2027	349.70

Incremental Residential Meter Growth by Segment

SAN DIEGO GAS & ELECTRIC
 RESIDENTIAL MARKET
 INCREMENTAL METER GROWTH BY MARKET SEGMENT

Year	SF Meters	MF2 Meters	MF3 Meters	MM Meters	SM Meters
2022	5,534	-	1,580	-	-
2023	6,472	-	1,848	-	-
2024	6,419	-	1,833	-	-
2025	6,399	-	1,827	-	-
2026	6,451	-	1,842	-	-
2027	6,388	-	1,824	-	-

**SAN DIEGO GAS & ELECTRIC
RESIDENTIAL BASE YEAR HISTORICAL DATA: YEAR 2021
AT AVERAGE YEAR WEATHER**

Segment	2021 Therm Sales	2021 Meter Count	2021 Meter Count pre-78 customers	2021 Meter Count post-78 till "new" customers	2021 Meter Count New Customers	Average Annual Consumption pre-78 customers	Average Annual Consumption post-78 till "new" customers	Average Annual Consumption New Customers	Price Elasticity
Single_Family	211,568,025	658,858	542,570	112,118	4,170	307	388	303	-0.105
MULTI FAMILY	-	-	-	-	-	-	-	-	-
MM_Master_Meter	42,825,271	193,076	137,449	54,833	794	218	231	204	-0.071
r	26,854,154	11,437	10,997	438	2	2,183	6,496	3,192	-0.069
SM_Sub_Meter	6,358,247	414	411	3	1	15,322	20,249	1	-0.105

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SDGE Residential Fuel Price Forecast(s)

Average Gas Prices by Segment (\$/therm)

SAN DIEGO GAS & ELECTRIC RESIDENTIAL MARKET AVERAGE GAS PRICES (\$/THERM)

Year	KSP Average Price	KMPZ Average Price	KMPJ Average Price	KMM Average Price	KSM Average Price
2021	1.7999	0.0000	1.8233	1.8395	1.8307
2022	1.9298	0.0000	1.9864	2.0256	2.0044
2023	1.9791	0.0000	2.0256	2.0579	2.0404
2024	1.9469	0.0000	1.9811	2.0048	1.9920
2025	1.9700	0.0000	2.0024	2.0247	2.0126
2026	2.0105	0.0000	2.0436	2.0665	2.0541
2027	2.0490	0.0000	2.0821	2.1049	2.0926

Marginal Gas Prices by Segment (\$/therm)

SAN DIEGO GAS & ELECTRIC RESIDENTIAL MARKET MARGINAL GAS PRICES

Year	RSP Marginal Price	RMP2 Marginal Price	RMP3 Marginal Price	RMM Marginal Price	RSM Marginal Price
2021	1.7058	0.0000	1.7058	1.7058	1.7058
2022	1.7947	0.0000	1.7947	1.7947	1.7947
2023	1.8116	0.0000	1.8116	1.8116	1.8116
2024	1.8421	0.0000	1.8421	1.8421	1.8421
2025	1.8794	0.0000	1.8794	1.8794	1.8794
2026	1.9182	0.0000	1.9182	1.9182	1.9182
2027	1.9592	0.0000	1.9592	1.9592	1.9592

Average Electric Prices by Segment (Cents/Kwh)

SAN DIEGO GAS & ELECTRIC RESIDENTIAL AVERAGE ELECTRIC PRICES (CENTS/KWH)

Year	R SF Average Price	R MF3 Average Price	R MM Average Price	R SM Average Price
2021	38.37	38.87	39.21	39.03
2022	34.38	35.39	36.09	35.71
2023	38.02	38.92	39.54	39.20
2024	39.64	40.34	40.82	40.56
2025	41.64	42.32	42.80	42.54
2026	42.92	43.62	44.11	43.85
2027	44.26	44.98	45.47	45.20

Marginal Electric Prices by Segment (Cents/Kwh)

SAN DIEGO GAS & ELECTRIC RESIDENTIAL MARGINAL ELECTRIC PRICES (CENTS/KWH)

Year	R SF Marginal Price	R MF3 Marginal Price	R MM Marginal Price	R SM Marginal Price
2021	58.06	58.82	40.55	43.92
2022	52.03	53.56	37.32	40.19
2023	57.53	58.89	40.88	44.11
2024	59.99	61.04	42.21	45.65
2025	63.01	64.04	44.25	47.87
2026	64.94	66.01	45.62	49.35
2027	66.98	68.06	47.02	50.87

Cost Allocation Proceeding

Other SAS Input Files
SDG&E Residential Market

Saturations

E shares

F shares

Equipment Age Equipment

Decay Rates

Cost Allocation Proceeding SDGE Residential Market Saturation

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	Single_Family	Space_Heat	0	-2	1	001	001	001
Residential	Single_Family	Space_Heat	0	-1	1	001	001	001
Residential	Single_Family	Space_Heat	0	0	1	001	001	001
Residential	Single_Family	Space_Heat	1	-2	1	001	001	001
Residential	Single_Family	Space_Heat	1	-1	1	001	001	001
Residential	Single_Family	Space_Heat	1	0	1	001	001	001
Residential	Single_Family	Space_Heat	1	1	1	001	001	001
Residential	Single_Family	Space_Heat	2	-2	1	001	001	001
Residential	Single_Family	Space_Heat	2	-1	1	001	001	001
Residential	Single_Family	Space_Heat	2	0	1	001	001	001
Residential	Single_Family	Space_Heat	2	1	1	001	001	001
Residential	Single_Family	Space_Heat	2	2	1	001	001	001
Residential	Single_Family	Space_Heat	3	-2	1	001	001	001
Residential	Single_Family	Space_Heat	3	-1	1	001	001	001
Residential	Single_Family	Space_Heat	3	0	1	001	001	001
Residential	Single_Family	Space_Heat	3	1	1	001	001	001
Residential	Single_Family	Space_Heat	3	2	1	001	001	001
Residential	Single_Family	Space_Heat	3	3	1	001	001	001
Residential	Single_Family	Space_Heat	4	-2	1	001	001	001
Residential	Single_Family	Space_Heat	4	-1	1	001	001	001
Residential	Single_Family	Space_Heat	4	0	1	001	001	001
Residential	Single_Family	Space_Heat	4	1	1	001	001	001
Residential	Single_Family	Space_Heat	4	2	1	001	001	001
Residential	Single_Family	Space_Heat	4	3	1	001	001	001
Residential	Single_Family	Space_Heat	4	4	1	001	001	001
Residential	Single_Family	Space_Heat	5	-2	1	001	001	001
Residential	Single_Family	Space_Heat	5	-1	1	001	001	001
Residential	Single_Family	Space_Heat	5	0	1	001	001	001

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	Single_Family	Space_Heat	5	1	1	001	001	001
Residential	Single_Family	Space_Heat	5	2	1	001	001	001
Residential	Single_Family	Space_Heat	5	3	1	001	001	001
Residential	Single_Family	Space_Heat	5	4	1	001	001	001
Residential	Single_Family	Space_Heat	5	5	1	001	001	001
Residential	Single_Family	Space_Heat	6	-2	1	001	001	001
Residential	Single_Family	Space_Heat	6	-1	1	001	001	001
Residential	Single_Family	Space_Heat	6	0	1	001	001	001
Residential	Single_Family	Space_Heat	6	1	1	001	001	001
Residential	Single_Family	Space_Heat	6	2	1	001	001	001
Residential	Single_Family	Space_Heat	6	3	1	001	001	001
Residential	Single_Family	Space_Heat	6	4	1	001	001	001
Residential	Single_Family	Space_Heat	6	5	1	001	001	001
Residential	Single_Family	Space_Heat	6	6	1	001	001	001
Residential	Single_Family	Space_Heat	7	-2	1	001	001	001
Residential	Single_Family	Space_Heat	7	-1	1	001	001	001
Residential	Single_Family	Space_Heat	7	0	1	001	001	001
Residential	Single_Family	Space_Heat	7	1	1	001	001	001
Residential	Single_Family	Space_Heat	7	2	1	001	001	001
Residential	Single_Family	Space_Heat	7	3	1	001	001	001
Residential	Single_Family	Space_Heat	7	4	1	001	001	001
Residential	Single_Family	Space_Heat	7	5	1	001	001	001
Residential	Single_Family	Space_Heat	7	6	1	001	001	001
Residential	Single_Family	Space_Heat	7	7	1	001	001	001
Residential	Single_Family	Space_Heat	8	-2	1	001	001	001
Residential	Single_Family	Space_Heat	8	-1	1	001	001	001
Residential	Single_Family	Space_Heat	8	0	1	001	001	001
Residential	Single_Family	Space_Heat	8	1	1	001	001	001
Residential	Single_Family	Space_Heat	8	2	1	001	001	001
Residential	Single_Family	Space_Heat	8	3	1	001	001	001
Residential	Single_Family	Space_Heat	8	4	1	001	001	001
Residential	Single_Family	Space_Heat	8	5	1	001	001	001
Residential	Single_Family	Space_Heat	8	6	1	001	001	001

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	Single_Family	Space_Heat	8	7	1	001	001	001
Residential	Single_Family	Space_Heat	8	8	1	001	001	001
Residential	Single_Family	Space_Heat	9	-2	1	001	001	001
Residential	Single_Family	Space_Heat	9	-1	1	001	001	001
Residential	Single_Family	Space_Heat	9	0	1	001	001	001
Residential	Single_Family	Space_Heat	9	1	1	001	001	001
Residential	Single_Family	Space_Heat	9	2	1	001	001	001
Residential	Single_Family	Space_Heat	9	3	1	001	001	001
Residential	Single_Family	Space_Heat	9	4	1	001	001	001
Residential	Single_Family	Space_Heat	9	5	1	001	001	001
Residential	Single_Family	Space_Heat	9	6	1	001	001	001
Residential	Single_Family	Space_Heat	9	7	1	001	001	001
Residential	Single_Family	Space_Heat	9	8	1	001	001	001
Residential	Single_Family	Space_Heat	9	9	1	001	001	001
Residential	Single_Family	Space_Heat	10	-2	1	001	001	001
Residential	Single_Family	Space_Heat	10	-1	1	001	001	001
Residential	Single_Family	Space_Heat	10	0	1	001	001	001
Residential	Single_Family	Space_Heat	10	1	1	001	001	001
Residential	Single_Family	Space_Heat	10	2	1	001	001	001
Residential	Single_Family	Space_Heat	10	3	1	001	001	001
Residential	Single_Family	Space_Heat	10	4	1	001	001	001
Residential	Single_Family	Space_Heat	10	5	1	001	001	001
Residential	Single_Family	Space_Heat	10	6	1	001	001	001
Residential	Single_Family	Space_Heat	10	7	1	001	001	001
Residential	Single_Family	Space_Heat	10	8	1	001	001	001
Residential	Single_Family	Space_Heat	10	9	1	001	001	001
Residential	Single_Family	Space_Heat	10	10	1	001	001	001
Residential	Single_Family	Space_Heat	11	-2	1	001	001	001
Residential	Single_Family	Space_Heat	11	-1	1	001	001	001
Residential	Single_Family	Space_Heat	11	0	1	001	001	001
Residential	Single_Family	Space_Heat	11	1	1	001	001	001
Residential	Single_Family	Space_Heat	11	2	1	001	001	001
Residential	Single_Family	Space_Heat	11	3	1	001	001	001

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	Single_Family	Space_Heat	11	4		1	001	001 001
Residential	Single_Family	Space_Heat	11	5		1	001	001 001
Residential	Single_Family	Space_Heat	11	6		1	001	001 001
Residential	Single_Family	Space_Heat	11	7		1	001	001 001
Residential	Single_Family	Space_Heat	11	8		1	001	001 001
Residential	Single_Family	Space_Heat	11	9		1	001	001 001
Residential	Single_Family	Space_Heat	11	10		1	001	001 001
Residential	Single_Family	Space_Heat	11	11		1	001	001 001
Residential	Single_Family	Space_Heat	12	-2		1	001	001 001
Residential	Single_Family	Space_Heat	12	-1		1	001	001 001
Residential	Single_Family	Space_Heat	12	0		1	001	001 001
Residential	Single_Family	Space_Heat	12	1		1	001	001 001
Residential	Single_Family	Space_Heat	12	2		1	001	001 001
Residential	Single_Family	Space_Heat	12	3		1	001	001 001
Residential	Single_Family	Space_Heat	12	4		1	001	001 001
Residential	Single_Family	Space_Heat	12	5		1	001	001 001
Residential	Single_Family	Space_Heat	12	6		1	001	001 001
Residential	Single_Family	Space_Heat	12	7		1	001	001 001
Residential	Single_Family	Space_Heat	12	8		1	001	001 001
Residential	Single_Family	Space_Heat	12	9		1	001	001 001
Residential	Single_Family	Space_Heat	12	10		1	001	001 001
Residential	Single_Family	Space_Heat	12	11		1	001	001 001
Residential	Single_Family	Space_Heat	12	12		1	001	001 001
Residential	Single_Family	Space_Heat	13	-2		1	001	001 001
Residential	Single_Family	Space_Heat	13	-1		1	001	001 001
Residential	Single_Family	Space_Heat	13	0		1	001	001 001
Residential	Single_Family	Space_Heat	13	1		1	001	001 001
Residential	Single_Family	Space_Heat	13	2		1	001	001 001
Residential	Single_Family	Space_Heat	13	3		1	001	001 001
Residential	Single_Family	Space_Heat	13	4		1	001	001 001
Residential	Single_Family	Space_Heat	13	5		1	001	001 001
Residential	Single_Family	Space_Heat	13	6		1	001	001 001
Residential	Single_Family	Space_Heat	13	7		1	001	001 001

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	Single_Family	Space_Heat	13	8		1	001	001 001
Residential	Single_Family	Space_Heat	13	9		1	001	001 001
Residential	Single_Family	Space_Heat	13	10		1	001	001 001
Residential	Single_Family	Space_Heat	13	11		1	001	001 001
Residential	Single_Family	Space_Heat	13	12		1	001	001 001
Residential	Single_Family	Space_Heat	13	13		1	001	001 001
Residential	Single_Family	Space_Heat	14	-2		1	001	001 001
Residential	Single_Family	Space_Heat	14	-1		1	001	001 001
Residential	Single_Family	Space_Heat	14	0		1	001	001 001
Residential	Single_Family	Space_Heat	14	1		1	001	001 001
Residential	Single_Family	Space_Heat	14	2		1	001	001 001
Residential	Single_Family	Space_Heat	14	3		1	001	001 001
Residential	Single_Family	Space_Heat	14	4		1	001	001 001
Residential	Single_Family	Space_Heat	14	5		1	001	001 001
Residential	Single_Family	Space_Heat	14	6		1	001	001 001
Residential	Single_Family	Space_Heat	14	7		1	001	001 001
Residential	Single_Family	Space_Heat	14	8		1	001	001 001
Residential	Single_Family	Space_Heat	14	9		1	001	001 001
Residential	Single_Family	Space_Heat	14	10		1	001	001 001
Residential	Single_Family	Space_Heat	14	11		1	001	001 001
Residential	Single_Family	Space_Heat	14	12		1	001	001 001
Residential	Single_Family	Space_Heat	14	13		1	001	001 001
Residential	Single_Family	Space_Heat	14	14		1	001	001 001
Residential	Single_Family	Space_Heat	15	-2		1	001	001 001
Residential	Single_Family	Space_Heat	15	-1		1	001	001 001
Residential	Single_Family	Space_Heat	15	0		1	001	001 001
Residential	Single_Family	Space_Heat	15	1		1	001	001 001
Residential	Single_Family	Space_Heat	15	2		1	001	001 001
Residential	Single_Family	Space_Heat	15	3		1	001	001 001
Residential	Single_Family	Space_Heat	15	4		1	001	001 001
Residential	Single_Family	Space_Heat	15	5		1	001	001 001
Residential	Single_Family	Space_Heat	15	6		1	001	001 001
Residential	Single_Family	Space_Heat	15	7		1	001	001 001

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	Single_Family	Space_Heat	15	8		1	001	001 001
Residential	Single_Family	Space_Heat	15	9		1	001	001 001
Residential	Single_Family	Space_Heat	15	10		1	001	001 001
Residential	Single_Family	Space_Heat	15	11		1	001	001 001
Residential	Single_Family	Space_Heat	15	12		1	001	001 001
Residential	Single_Family	Space_Heat	15	13		1	001	001 001
Residential	Single_Family	Space_Heat	15	14		1	001	001 001
Residential	Single_Family	Space_Heat	15	15		1	001	001 001
Residential	Single_Family	Water_Heat	0	-2		1	001	001 002
Residential	Single_Family	Water_Heat	0	-1		1	001	001 002
Residential	Single_Family	Water_Heat	0	0		1	001	001 002
Residential	Single_Family	Water_Heat	1	-2		1	001	001 002
Residential	Single_Family	Water_Heat	1	-1		1	001	001 002
Residential	Single_Family	Water_Heat	1	0		1	001	001 002
Residential	Single_Family	Water_Heat	1	1		1	001	001 002
Residential	Single_Family	Water_Heat	2	-2		1	001	001 002
Residential	Single_Family	Water_Heat	2	-1		1	001	001 002
Residential	Single_Family	Water_Heat	2	0		1	001	001 002
Residential	Single_Family	Water_Heat	2	1		1	001	001 002
Residential	Single_Family	Water_Heat	2	2		1	001	001 002
Residential	Single_Family	Water_Heat	3	-2		1	001	001 002
Residential	Single_Family	Water_Heat	3	-1		1	001	001 002
Residential	Single_Family	Water_Heat	3	0		1	001	001 002
Residential	Single_Family	Water_Heat	3	1		1	001	001 002
Residential	Single_Family	Water_Heat	3	2		1	001	001 002
Residential	Single_Family	Water_Heat	3	3		1	001	001 002
Residential	Single_Family	Water_Heat	4	-2		1	001	001 002
Residential	Single_Family	Water_Heat	4	-1		1	001	001 002
Residential	Single_Family	Water_Heat	4	0		1	001	001 002
Residential	Single_Family	Water_Heat	4	1		1	001	001 002
Residential	Single_Family	Water_Heat	4	2		1	001	001 002
Residential	Single_Family	Water_Heat	4	3		1	001	001 002
Residential	Single_Family	Water_Heat	4	4		1	001	001 002

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	Single_Family	Water_Heat	5	-2	1	001	001	002
Residential	Single_Family	Water_Heat	5	-1	1	001	001	002
Residential	Single_Family	Water_Heat	5	0	1	001	001	002
Residential	Single_Family	Water_Heat	5	1	1	001	001	002
Residential	Single_Family	Water_Heat	5	2	1	001	001	002
Residential	Single_Family	Water_Heat	5	3	1	001	001	002
Residential	Single_Family	Water_Heat	5	4	1	001	001	002
Residential	Single_Family	Water_Heat	5	5	1	001	001	002
Residential	Single_Family	Water_Heat	6	-2	1	001	001	002
Residential	Single_Family	Water_Heat	6	-1	1	001	001	002
Residential	Single_Family	Water_Heat	6	0	1	001	001	002
Residential	Single_Family	Water_Heat	6	1	1	001	001	002
Residential	Single_Family	Water_Heat	6	2	1	001	001	002
Residential	Single_Family	Water_Heat	6	3	1	001	001	002
Residential	Single_Family	Water_Heat	6	4	1	001	001	002
Residential	Single_Family	Water_Heat	6	5	1	001	001	002
Residential	Single_Family	Water_Heat	6	6	1	001	001	002
Residential	Single_Family	Water_Heat	7	-2	1	001	001	002
Residential	Single_Family	Water_Heat	7	-1	1	001	001	002
Residential	Single_Family	Water_Heat	7	0	1	001	001	002
Residential	Single_Family	Water_Heat	7	1	1	001	001	002
Residential	Single_Family	Water_Heat	7	2	1	001	001	002
Residential	Single_Family	Water_Heat	7	3	1	001	001	002
Residential	Single_Family	Water_Heat	7	4	1	001	001	002
Residential	Single_Family	Water_Heat	7	5	1	001	001	002
Residential	Single_Family	Water_Heat	7	6	1	001	001	002
Residential	Single_Family	Water_Heat	7	7	1	001	001	002
Residential	Single_Family	Water_Heat	8	-2	1	001	001	002
Residential	Single_Family	Water_Heat	8	-1	1	001	001	002
Residential	Single_Family	Water_Heat	8	0	1	001	001	002
Residential	Single_Family	Water_Heat	8	1	1	001	001	002
Residential	Single_Family	Water_Heat	8	2	1	001	001	002
Residential	Single_Family	Water_Heat	8	3	1	001	001	002

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	Single_Family	Water_Heat	8	4	1	001	001	002
Residential	Single_Family	Water_Heat	8	5	1	001	001	002
Residential	Single_Family	Water_Heat	8	6	1	001	001	002
Residential	Single_Family	Water_Heat	8	7	1	001	001	002
Residential	Single_Family	Water_Heat	8	8	1	001	001	002
Residential	Single_Family	Water_Heat	9	-2	1	001	001	002
Residential	Single_Family	Water_Heat	9	-1	1	001	001	002
Residential	Single_Family	Water_Heat	9	0	1	001	001	002
Residential	Single_Family	Water_Heat	9	1	1	001	001	002
Residential	Single_Family	Water_Heat	9	2	1	001	001	002
Residential	Single_Family	Water_Heat	9	3	1	001	001	002
Residential	Single_Family	Water_Heat	9	4	1	001	001	002
Residential	Single_Family	Water_Heat	9	5	1	001	001	002
Residential	Single_Family	Water_Heat	9	6	1	001	001	002
Residential	Single_Family	Water_Heat	9	7	1	001	001	002
Residential	Single_Family	Water_Heat	9	8	1	001	001	002
Residential	Single_Family	Water_Heat	9	9	1	001	001	002
Residential	Single_Family	Water_Heat	10	-2	1	001	001	002
Residential	Single_Family	Water_Heat	10	-1	1	001	001	002
Residential	Single_Family	Water_Heat	10	0	1	001	001	002
Residential	Single_Family	Water_Heat	10	1	1	001	001	002
Residential	Single_Family	Water_Heat	10	2	1	001	001	002
Residential	Single_Family	Water_Heat	10	3	1	001	001	002
Residential	Single_Family	Water_Heat	10	4	1	001	001	002
Residential	Single_Family	Water_Heat	10	5	1	001	001	002
Residential	Single_Family	Water_Heat	10	6	1	001	001	002
Residential	Single_Family	Water_Heat	10	7	1	001	001	002
Residential	Single_Family	Water_Heat	10	8	1	001	001	002
Residential	Single_Family	Water_Heat	10	9	1	001	001	002
Residential	Single_Family	Water_Heat	10	10	1	001	001	002
Residential	Single_Family	Water_Heat	11	-2	1	001	001	002
Residential	Single_Family	Water_Heat	11	-1	1	001	001	002
Residential	Single_Family	Water_Heat	11	0	1	001	001	002

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	Single_Family	Water_Heat	11	1	1	001	001	002
Residential	Single_Family	Water_Heat	11	2	1	001	001	002
Residential	Single_Family	Water_Heat	11	3	1	001	001	002
Residential	Single_Family	Water_Heat	11	4	1	001	001	002
Residential	Single_Family	Water_Heat	11	5	1	001	001	002
Residential	Single_Family	Water_Heat	11	6	1	001	001	002
Residential	Single_Family	Water_Heat	11	7	1	001	001	002
Residential	Single_Family	Water_Heat	11	8	1	001	001	002
Residential	Single_Family	Water_Heat	11	9	1	001	001	002
Residential	Single_Family	Water_Heat	11	10	1	001	001	002
Residential	Single_Family	Water_Heat	11	11	1	001	001	002
Residential	Single_Family	Water_Heat	12	-2	1	001	001	002
Residential	Single_Family	Water_Heat	12	-1	1	001	001	002
Residential	Single_Family	Water_Heat	12	0	1	001	001	002
Residential	Single_Family	Water_Heat	12	1	1	001	001	002
Residential	Single_Family	Water_Heat	12	2	1	001	001	002
Residential	Single_Family	Water_Heat	12	3	1	001	001	002
Residential	Single_Family	Water_Heat	12	4	1	001	001	002
Residential	Single_Family	Water_Heat	12	5	1	001	001	002
Residential	Single_Family	Water_Heat	12	6	1	001	001	002
Residential	Single_Family	Water_Heat	12	7	1	001	001	002
Residential	Single_Family	Water_Heat	12	8	1	001	001	002
Residential	Single_Family	Water_Heat	12	9	1	001	001	002
Residential	Single_Family	Water_Heat	12	10	1	001	001	002
Residential	Single_Family	Water_Heat	12	11	1	001	001	002
Residential	Single_Family	Water_Heat	12	12	1	001	001	002
Residential	Single_Family	Water_Heat	13	-2	1	001	001	002
Residential	Single_Family	Water_Heat	13	-1	1	001	001	002
Residential	Single_Family	Water_Heat	13	0	1	001	001	002
Residential	Single_Family	Water_Heat	13	1	1	001	001	002
Residential	Single_Family	Water_Heat	13	2	1	001	001	002
Residential	Single_Family	Water_Heat	13	3	1	001	001	002
Residential	Single_Family	Water_Heat	13	4	1	001	001	002

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	Single_Family	Water_Heat	13	5	1	001	001	002
Residential	Single_Family	Water_Heat	13	6	1	001	001	002
Residential	Single_Family	Water_Heat	13	7	1	001	001	002
Residential	Single_Family	Water_Heat	13	8	1	001	001	002
Residential	Single_Family	Water_Heat	13	9	1	001	001	002
Residential	Single_Family	Water_Heat	13	10	1	001	001	002
Residential	Single_Family	Water_Heat	13	11	1	001	001	002
Residential	Single_Family	Water_Heat	13	12	1	001	001	002
Residential	Single_Family	Water_Heat	13	13	1	001	001	002
Residential	Single_Family	Water_Heat	14	-2	1	001	001	002
Residential	Single_Family	Water_Heat	14	-1	1	001	001	002
Residential	Single_Family	Water_Heat	14	0	1	001	001	002
Residential	Single_Family	Water_Heat	14	1	1	001	001	002
Residential	Single_Family	Water_Heat	14	2	1	001	001	002
Residential	Single_Family	Water_Heat	14	3	1	001	001	002
Residential	Single_Family	Water_Heat	14	4	1	001	001	002
Residential	Single_Family	Water_Heat	14	5	1	001	001	002
Residential	Single_Family	Water_Heat	14	6	1	001	001	002
Residential	Single_Family	Water_Heat	14	7	1	001	001	002
Residential	Single_Family	Water_Heat	14	8	1	001	001	002
Residential	Single_Family	Water_Heat	14	9	1	001	001	002
Residential	Single_Family	Water_Heat	14	10	1	001	001	002
Residential	Single_Family	Water_Heat	14	11	1	001	001	002
Residential	Single_Family	Water_Heat	14	12	1	001	001	002
Residential	Single_Family	Water_Heat	14	13	1	001	001	002
Residential	Single_Family	Water_Heat	14	14	1	001	001	002
Residential	Single_Family	Water_Heat	15	-2	1	001	001	002
Residential	Single_Family	Water_Heat	15	-1	1	001	001	002
Residential	Single_Family	Water_Heat	15	0	1	001	001	002
Residential	Single_Family	Water_Heat	15	1	1	001	001	002
Residential	Single_Family	Water_Heat	15	2	1	001	001	002
Residential	Single_Family	Water_Heat	15	3	1	001	001	002
Residential	Single_Family	Water_Heat	15	4	1	001	001	002

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	Single_Family	Water_Heat	15	5		1	001	001 002
Residential	Single_Family	Water_Heat	15	6		1	001	001 002
Residential	Single_Family	Water_Heat	15	7		1	001	001 002
Residential	Single_Family	Water_Heat	15	8		1	001	001 002
Residential	Single_Family	Water_Heat	15	9		1	001	001 002
Residential	Single_Family	Water_Heat	15	10		1	001	001 002
Residential	Single_Family	Water_Heat	15	11		1	001	001 002
Residential	Single_Family	Water_Heat	15	12		1	001	001 002
Residential	Single_Family	Water_Heat	15	13		1	001	001 002
Residential	Single_Family	Water_Heat	15	14		1	001	001 002
Residential	Single_Family	Water_Heat	15	15		1	001	001 002
Residential	Single_Family	Cooking	0	-2		1	001	001 003
Residential	Single_Family	Cooking	0	-1		1	001	001 003
Residential	Single_Family	Cooking	0	0		1	001	001 003
Residential	Single_Family	Cooking	1	-2		1	001	001 003
Residential	Single_Family	Cooking	1	-1		1	001	001 003
Residential	Single_Family	Cooking	1	0		1	001	001 003
Residential	Single_Family	Cooking	1	1		1	001	001 003
Residential	Single_Family	Cooking	2	-2		1	001	001 003
Residential	Single_Family	Cooking	2	-1		1	001	001 003
Residential	Single_Family	Cooking	2	0		1	001	001 003
Residential	Single_Family	Cooking	2	1		1	001	001 003
Residential	Single_Family	Cooking	2	2		1	001	001 003
Residential	Single_Family	Cooking	3	-2		1	001	001 003
Residential	Single_Family	Cooking	3	-1		1	001	001 003
Residential	Single_Family	Cooking	3	0		1	001	001 003
Residential	Single_Family	Cooking	3	1		1	001	001 003
Residential	Single_Family	Cooking	3	2		1	001	001 003
Residential	Single_Family	Cooking	3	3		1	001	001 003
Residential	Single_Family	Cooking	4	-2		1	001	001 003
Residential	Single_Family	Cooking	4	-1		1	001	001 003
Residential	Single_Family	Cooking	4	0		1	001	001 003
Residential	Single_Family	Cooking	4	1		1	001	001 003

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	Single_Family	Cooking	4	2		1	001	001 003
Residential	Single_Family	Cooking	4	3		1	001	001 003
Residential	Single_Family	Cooking	4	4		1	001	001 003
Residential	Single_Family	Cooking	5	-2		1	001	001 003
Residential	Single_Family	Cooking	5	-1		1	001	001 003
Residential	Single_Family	Cooking	5	0		1	001	001 003
Residential	Single_Family	Cooking	5	1		1	001	001 003
Residential	Single_Family	Cooking	5	2		1	001	001 003
Residential	Single_Family	Cooking	5	3		1	001	001 003
Residential	Single_Family	Cooking	5	4		1	001	001 003
Residential	Single_Family	Cooking	5	5		1	001	001 003
Residential	Single_Family	Cooking	6	-2		1	001	001 003
Residential	Single_Family	Cooking	6	-1		1	001	001 003
Residential	Single_Family	Cooking	6	0		1	001	001 003
Residential	Single_Family	Cooking	6	1		1	001	001 003
Residential	Single_Family	Cooking	6	2		1	001	001 003
Residential	Single_Family	Cooking	6	3		1	001	001 003
Residential	Single_Family	Cooking	6	4		1	001	001 003
Residential	Single_Family	Cooking	6	5		1	001	001 003
Residential	Single_Family	Cooking	6	6		1	001	001 003
Residential	Single_Family	Cooking	7	-2		1	001	001 003
Residential	Single_Family	Cooking	7	-1		1	001	001 003
Residential	Single_Family	Cooking	7	0		1	001	001 003
Residential	Single_Family	Cooking	7	1		1	001	001 003
Residential	Single_Family	Cooking	7	2		1	001	001 003
Residential	Single_Family	Cooking	7	3		1	001	001 003
Residential	Single_Family	Cooking	7	4		1	001	001 003
Residential	Single_Family	Cooking	7	5		1	001	001 003
Residential	Single_Family	Cooking	7	6		1	001	001 003
Residential	Single_Family	Cooking	7	7		1	001	001 003
Residential	Single_Family	Cooking	8	-2		1	001	001 003
Residential	Single_Family	Cooking	8	-1		1	001	001 003
Residential	Single_Family	Cooking	8	0		1	001	001 003

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	Single_Family	Cooking	8	1	1	001	001	003
Residential	Single_Family	Cooking	8	2	1	001	001	003
Residential	Single_Family	Cooking	8	3	1	001	001	003
Residential	Single_Family	Cooking	8	4	1	001	001	003
Residential	Single_Family	Cooking	8	5	1	001	001	003
Residential	Single_Family	Cooking	8	6	1	001	001	003
Residential	Single_Family	Cooking	8	7	1	001	001	003
Residential	Single_Family	Cooking	8	8	1	001	001	003
Residential	Single_Family	Cooking	9	-2	1	001	001	003
Residential	Single_Family	Cooking	9	-1	1	001	001	003
Residential	Single_Family	Cooking	9	0	1	001	001	003
Residential	Single_Family	Cooking	9	1	1	001	001	003
Residential	Single_Family	Cooking	9	2	1	001	001	003
Residential	Single_Family	Cooking	9	3	1	001	001	003
Residential	Single_Family	Cooking	9	4	1	001	001	003
Residential	Single_Family	Cooking	9	5	1	001	001	003
Residential	Single_Family	Cooking	9	6	1	001	001	003
Residential	Single_Family	Cooking	9	7	1	001	001	003
Residential	Single_Family	Cooking	9	8	1	001	001	003
Residential	Single_Family	Cooking	9	9	1	001	001	003
Residential	Single_Family	Cooking	10	-2	1	001	001	003
Residential	Single_Family	Cooking	10	-1	1	001	001	003
Residential	Single_Family	Cooking	10	0	1	001	001	003
Residential	Single_Family	Cooking	10	1	1	001	001	003
Residential	Single_Family	Cooking	10	2	1	001	001	003
Residential	Single_Family	Cooking	10	3	1	001	001	003
Residential	Single_Family	Cooking	10	4	1	001	001	003
Residential	Single_Family	Cooking	10	5	1	001	001	003
Residential	Single_Family	Cooking	10	6	1	001	001	003
Residential	Single_Family	Cooking	10	7	1	001	001	003
Residential	Single_Family	Cooking	10	8	1	001	001	003
Residential	Single_Family	Cooking	10	9	1	001	001	003
Residential	Single_Family	Cooking	10	10	1	001	001	003

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	Single_Family	Cooking	11	-2	1	001	001	003
Residential	Single_Family	Cooking	11	-1	1	001	001	003
Residential	Single_Family	Cooking	11	0	1	001	001	003
Residential	Single_Family	Cooking	11	1	1	001	001	003
Residential	Single_Family	Cooking	11	2	1	001	001	003
Residential	Single_Family	Cooking	11	3	1	001	001	003
Residential	Single_Family	Cooking	11	4	1	001	001	003
Residential	Single_Family	Cooking	11	5	1	001	001	003
Residential	Single_Family	Cooking	11	6	1	001	001	003
Residential	Single_Family	Cooking	11	7	1	001	001	003
Residential	Single_Family	Cooking	11	8	1	001	001	003
Residential	Single_Family	Cooking	11	9	1	001	001	003
Residential	Single_Family	Cooking	11	10	1	001	001	003
Residential	Single_Family	Cooking	11	11	1	001	001	003
Residential	Single_Family	Cooking	12	-2	1	001	001	003
Residential	Single_Family	Cooking	12	-1	1	001	001	003
Residential	Single_Family	Cooking	12	0	1	001	001	003
Residential	Single_Family	Cooking	12	1	1	001	001	003
Residential	Single_Family	Cooking	12	2	1	001	001	003
Residential	Single_Family	Cooking	12	3	1	001	001	003
Residential	Single_Family	Cooking	12	4	1	001	001	003
Residential	Single_Family	Cooking	12	5	1	001	001	003
Residential	Single_Family	Cooking	12	6	1	001	001	003
Residential	Single_Family	Cooking	12	7	1	001	001	003
Residential	Single_Family	Cooking	12	8	1	001	001	003
Residential	Single_Family	Cooking	12	9	1	001	001	003
Residential	Single_Family	Cooking	12	10	1	001	001	003
Residential	Single_Family	Cooking	12	11	1	001	001	003
Residential	Single_Family	Cooking	12	12	1	001	001	003
Residential	Single_Family	Cooking	13	-2	1	001	001	003
Residential	Single_Family	Cooking	13	-1	1	001	001	003
Residential	Single_Family	Cooking	13	0	1	001	001	003
Residential	Single_Family	Cooking	13	1	1	001	001	003

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	Single_Family	Cooking	13	2	1	001	001	003
Residential	Single_Family	Cooking	13	3	1	001	001	003
Residential	Single_Family	Cooking	13	4	1	001	001	003
Residential	Single_Family	Cooking	13	5	1	001	001	003
Residential	Single_Family	Cooking	13	6	1	001	001	003
Residential	Single_Family	Cooking	13	7	1	001	001	003
Residential	Single_Family	Cooking	13	8	1	001	001	003
Residential	Single_Family	Cooking	13	9	1	001	001	003
Residential	Single_Family	Cooking	13	10	1	001	001	003
Residential	Single_Family	Cooking	13	11	1	001	001	003
Residential	Single_Family	Cooking	13	12	1	001	001	003
Residential	Single_Family	Cooking	13	13	1	001	001	003
Residential	Single_Family	Cooking	14	-2	1	001	001	003
Residential	Single_Family	Cooking	14	-1	1	001	001	003
Residential	Single_Family	Cooking	14	0	1	001	001	003
Residential	Single_Family	Cooking	14	1	1	001	001	003
Residential	Single_Family	Cooking	14	2	1	001	001	003
Residential	Single_Family	Cooking	14	3	1	001	001	003
Residential	Single_Family	Cooking	14	4	1	001	001	003
Residential	Single_Family	Cooking	14	5	1	001	001	003
Residential	Single_Family	Cooking	14	6	1	001	001	003
Residential	Single_Family	Cooking	14	7	1	001	001	003
Residential	Single_Family	Cooking	14	8	1	001	001	003
Residential	Single_Family	Cooking	14	9	1	001	001	003
Residential	Single_Family	Cooking	14	10	1	001	001	003
Residential	Single_Family	Cooking	14	11	1	001	001	003
Residential	Single_Family	Cooking	14	12	1	001	001	003
Residential	Single_Family	Cooking	14	13	1	001	001	003
Residential	Single_Family	Cooking	14	14	1	001	001	003
Residential	Single_Family	Cooking	15	-2	1	001	001	003
Residential	Single_Family	Cooking	15	-1	1	001	001	003
Residential	Single_Family	Cooking	15	0	1	001	001	003
Residential	Single_Family	Cooking	15	1	1	001	001	003

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	Single_Family	Cooking	15	2		1	001	001 003
Residential	Single_Family	Cooking	15	3		1	001	001 003
Residential	Single_Family	Cooking	15	4		1	001	001 003
Residential	Single_Family	Cooking	15	5		1	001	001 003
Residential	Single_Family	Cooking	15	6		1	001	001 003
Residential	Single_Family	Cooking	15	7		1	001	001 003
Residential	Single_Family	Cooking	15	8		1	001	001 003
Residential	Single_Family	Cooking	15	9		1	001	001 003
Residential	Single_Family	Cooking	15	10		1	001	001 003
Residential	Single_Family	Cooking	15	11		1	001	001 003
Residential	Single_Family	Cooking	15	12		1	001	001 003
Residential	Single_Family	Cooking	15	13		1	001	001 003
Residential	Single_Family	Cooking	15	14		1	001	001 003
Residential	Single_Family	Cooking	15	15		1	001	001 003
Residential	Single_Family	Drying	0	-2	0.85521	001	001	004
Residential	Single_Family	Drying	0	-1	0.88281	001	001	004
Residential	Single_Family	Drying	0	0	0.88281	001	001	004
Residential	Single_Family	Drying	1	-2	0.85521	001	001	004
Residential	Single_Family	Drying	1	-1	0.88281	001	001	004
Residential	Single_Family	Drying	1	0	0.88281	001	001	004
Residential	Single_Family	Drying	1	1	0.88281	001	001	004
Residential	Single_Family	Drying	2	-2	0.85521	001	001	004
Residential	Single_Family	Drying	2	-1	0.88281	001	001	004
Residential	Single_Family	Drying	2	0	0.88281	001	001	004
Residential	Single_Family	Drying	2	1	0.88281	001	001	004
Residential	Single_Family	Drying	2	2	0.88281	001	001	004
Residential	Single_Family	Drying	3	-2	0.85521	001	001	004
Residential	Single_Family	Drying	3	-1	0.88281	001	001	004
Residential	Single_Family	Drying	3	0	0.88281	001	001	004
Residential	Single_Family	Drying	3	1	0.88281	001	001	004
Residential	Single_Family	Drying	3	2	0.88281	001	001	004
Residential	Single_Family	Drying	3	3	0.88281	001	001	004
Residential	Single_Family	Drying	4	-2	0.85521	001	001	004

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	Single_Family	Drying	4	-1	0.88281	001	001	004
Residential	Single_Family	Drying	4	0	0.88281	001	001	004
Residential	Single_Family	Drying	4	1	0.88281	001	001	004
Residential	Single_Family	Drying	4	2	0.88281	001	001	004
Residential	Single_Family	Drying	4	3	0.88281	001	001	004
Residential	Single_Family	Drying	4	4	0.88281	001	001	004
Residential	Single_Family	Drying	5	-2	0.85521	001	001	004
Residential	Single_Family	Drying	5	-1	0.88281	001	001	004
Residential	Single_Family	Drying	5	0	0.88281	001	001	004
Residential	Single_Family	Drying	5	1	0.88281	001	001	004
Residential	Single_Family	Drying	5	2	0.88281	001	001	004
Residential	Single_Family	Drying	5	3	0.88281	001	001	004
Residential	Single_Family	Drying	5	4	0.88281	001	001	004
Residential	Single_Family	Drying	5	5	0.88281	001	001	004
Residential	Single_Family	Drying	6	-2	0.85521	001	001	004
Residential	Single_Family	Drying	6	-1	0.88281	001	001	004
Residential	Single_Family	Drying	6	0	0.88281	001	001	004
Residential	Single_Family	Drying	6	1	0.88281	001	001	004
Residential	Single_Family	Drying	6	2	0.88281	001	001	004
Residential	Single_Family	Drying	6	3	0.88281	001	001	004
Residential	Single_Family	Drying	6	4	0.88281	001	001	004
Residential	Single_Family	Drying	6	5	0.88281	001	001	004
Residential	Single_Family	Drying	6	6	0.88281	001	001	004
Residential	Single_Family	Drying	7	-2	0.85521	001	001	004
Residential	Single_Family	Drying	7	-1	0.88281	001	001	004
Residential	Single_Family	Drying	7	0	0.88281	001	001	004
Residential	Single_Family	Drying	7	1	0.88281	001	001	004
Residential	Single_Family	Drying	7	2	0.88281	001	001	004
Residential	Single_Family	Drying	7	3	0.88281	001	001	004
Residential	Single_Family	Drying	7	4	0.88281	001	001	004
Residential	Single_Family	Drying	7	5	0.88281	001	001	004
Residential	Single_Family	Drying	7	6	0.88281	001	001	004
Residential	Single_Family	Drying	7	7	0.88281	001	001	004

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	Single_Family	Drying	8	-2	0.85521	001	001	004
Residential	Single_Family	Drying	8	-1	0.88281	001	001	004
Residential	Single_Family	Drying	8	0	0.88281	001	001	004
Residential	Single_Family	Drying	8	1	0.88281	001	001	004
Residential	Single_Family	Drying	8	2	0.88281	001	001	004
Residential	Single_Family	Drying	8	3	0.88281	001	001	004
Residential	Single_Family	Drying	8	4	0.88281	001	001	004
Residential	Single_Family	Drying	8	5	0.88281	001	001	004
Residential	Single_Family	Drying	8	6	0.88281	001	001	004
Residential	Single_Family	Drying	8	7	0.88281	001	001	004
Residential	Single_Family	Drying	8	8	0.88281	001	001	004
Residential	Single_Family	Drying	9	-2	0.85521	001	001	004
Residential	Single_Family	Drying	9	-1	0.88281	001	001	004
Residential	Single_Family	Drying	9	0	0.88281	001	001	004
Residential	Single_Family	Drying	9	1	0.88281	001	001	004
Residential	Single_Family	Drying	9	2	0.88281	001	001	004
Residential	Single_Family	Drying	9	3	0.88281	001	001	004
Residential	Single_Family	Drying	9	4	0.88281	001	001	004
Residential	Single_Family	Drying	9	5	0.88281	001	001	004
Residential	Single_Family	Drying	9	6	0.88281	001	001	004
Residential	Single_Family	Drying	9	7	0.88281	001	001	004
Residential	Single_Family	Drying	9	8	0.88281	001	001	004
Residential	Single_Family	Drying	9	9	0.88281	001	001	004
Residential	Single_Family	Drying	10	-2	0.85521	001	001	004
Residential	Single_Family	Drying	10	-1	0.88281	001	001	004
Residential	Single_Family	Drying	10	0	0.88281	001	001	004
Residential	Single_Family	Drying	10	1	0.88281	001	001	004
Residential	Single_Family	Drying	10	2	0.88281	001	001	004
Residential	Single_Family	Drying	10	3	0.88281	001	001	004
Residential	Single_Family	Drying	10	4	0.88281	001	001	004
Residential	Single_Family	Drying	10	5	0.88281	001	001	004
Residential	Single_Family	Drying	10	6	0.88281	001	001	004
Residential	Single_Family	Drying	10	7	0.88281	001	001	004

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	Single_Family	Drying	10	8	0.88281	001	001	004
Residential	Single_Family	Drying	10	9	0.88281	001	001	004
Residential	Single_Family	Drying	10	10	0.88281	001	001	004
Residential	Single_Family	Drying	11	-2	0.85521	001	001	004
Residential	Single_Family	Drying	11	-1	0.88281	001	001	004
Residential	Single_Family	Drying	11	0	0.88281	001	001	004
Residential	Single_Family	Drying	11	1	0.88281	001	001	004
Residential	Single_Family	Drying	11	2	0.88281	001	001	004
Residential	Single_Family	Drying	11	3	0.88281	001	001	004
Residential	Single_Family	Drying	11	4	0.88281	001	001	004
Residential	Single_Family	Drying	11	5	0.88281	001	001	004
Residential	Single_Family	Drying	11	6	0.88281	001	001	004
Residential	Single_Family	Drying	11	7	0.88281	001	001	004
Residential	Single_Family	Drying	11	8	0.88281	001	001	004
Residential	Single_Family	Drying	11	9	0.88281	001	001	004
Residential	Single_Family	Drying	11	10	0.88281	001	001	004
Residential	Single_Family	Drying	11	11	0.88281	001	001	004
Residential	Single_Family	Drying	12	-2	0.85521	001	001	004
Residential	Single_Family	Drying	12	-1	0.88281	001	001	004
Residential	Single_Family	Drying	12	0	0.88281	001	001	004
Residential	Single_Family	Drying	12	1	0.88281	001	001	004
Residential	Single_Family	Drying	12	2	0.88281	001	001	004
Residential	Single_Family	Drying	12	3	0.88281	001	001	004
Residential	Single_Family	Drying	12	4	0.88281	001	001	004
Residential	Single_Family	Drying	12	5	0.88281	001	001	004
Residential	Single_Family	Drying	12	6	0.88281	001	001	004
Residential	Single_Family	Drying	12	7	0.88281	001	001	004
Residential	Single_Family	Drying	12	8	0.88281	001	001	004
Residential	Single_Family	Drying	12	9	0.88281	001	001	004
Residential	Single_Family	Drying	12	10	0.88281	001	001	004
Residential	Single_Family	Drying	12	11	0.88281	001	001	004
Residential	Single_Family	Drying	12	12	0.88281	001	001	004
Residential	Single_Family	Drying	13	-2	0.85521	001	001	004

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	Single_Family	Drying	13	-1	0.88281	001	001	004
Residential	Single_Family	Drying	13	0	0.88281	001	001	004
Residential	Single_Family	Drying	13	1	0.88281	001	001	004
Residential	Single_Family	Drying	13	2	0.88281	001	001	004
Residential	Single_Family	Drying	13	3	0.88281	001	001	004
Residential	Single_Family	Drying	13	4	0.88281	001	001	004
Residential	Single_Family	Drying	13	5	0.88281	001	001	004
Residential	Single_Family	Drying	13	6	0.88281	001	001	004
Residential	Single_Family	Drying	13	7	0.88281	001	001	004
Residential	Single_Family	Drying	13	8	0.88281	001	001	004
Residential	Single_Family	Drying	13	9	0.88281	001	001	004
Residential	Single_Family	Drying	13	10	0.88281	001	001	004
Residential	Single_Family	Drying	13	11	0.88281	001	001	004
Residential	Single_Family	Drying	13	12	0.88281	001	001	004
Residential	Single_Family	Drying	13	13	0.88281	001	001	004
Residential	Single_Family	Drying	14	-2	0.85521	001	001	004
Residential	Single_Family	Drying	14	-1	0.88281	001	001	004
Residential	Single_Family	Drying	14	0	0.88281	001	001	004
Residential	Single_Family	Drying	14	1	0.88281	001	001	004
Residential	Single_Family	Drying	14	2	0.88281	001	001	004
Residential	Single_Family	Drying	14	3	0.88281	001	001	004
Residential	Single_Family	Drying	14	4	0.88281	001	001	004
Residential	Single_Family	Drying	14	5	0.88281	001	001	004
Residential	Single_Family	Drying	14	6	0.88281	001	001	004
Residential	Single_Family	Drying	14	7	0.88281	001	001	004
Residential	Single_Family	Drying	14	8	0.88281	001	001	004
Residential	Single_Family	Drying	14	9	0.88281	001	001	004
Residential	Single_Family	Drying	14	10	0.88281	001	001	004
Residential	Single_Family	Drying	14	11	0.88281	001	001	004
Residential	Single_Family	Drying	14	12	0.88281	001	001	004
Residential	Single_Family	Drying	14	13	0.88281	001	001	004
Residential	Single_Family	Drying	14	14	0.88281	001	001	004
Residential	Single_Family	Drying	15	-2	0.85521	001	001	004

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	Single_Family	Drying	15	-1	0.88281	001	001	004
Residential	Single_Family	Drying	15	0	0.88281	001	001	004
Residential	Single_Family	Drying	15	1	0.88281	001	001	004
Residential	Single_Family	Drying	15	2	0.88281	001	001	004
Residential	Single_Family	Drying	15	3	0.88281	001	001	004
Residential	Single_Family	Drying	15	4	0.88281	001	001	004
Residential	Single_Family	Drying	15	5	0.88281	001	001	004
Residential	Single_Family	Drying	15	6	0.88281	001	001	004
Residential	Single_Family	Drying	15	7	0.88281	001	001	004
Residential	Single_Family	Drying	15	8	0.88281	001	001	004
Residential	Single_Family	Drying	15	9	0.88281	001	001	004
Residential	Single_Family	Drying	15	10	0.88281	001	001	004
Residential	Single_Family	Drying	15	11	0.88281	001	001	004
Residential	Single_Family	Drying	15	12	0.88281	001	001	004
Residential	Single_Family	Drying	15	13	0.88281	001	001	004
Residential	Single_Family	Drying	15	14	0.88281	001	001	004
Residential	Single_Family	Drying	15	15	0.88281	001	001	004
Residential	Single_Family	Pool	0	-2	0.10048	001	001	005
Residential	Single_Family	Pool	0	-1	0.12825	001	001	005
Residential	Single_Family	Pool	0	0	0.12825	001	001	005
Residential	Single_Family	Pool	1	-2	0.10048	001	001	005
Residential	Single_Family	Pool	1	-1	0.12825	001	001	005
Residential	Single_Family	Pool	1	0	0.12825	001	001	005
Residential	Single_Family	Pool	1	1	0.12825	001	001	005
Residential	Single_Family	Pool	2	-2	0.10048	001	001	005
Residential	Single_Family	Pool	2	-1	0.12825	001	001	005
Residential	Single_Family	Pool	2	0	0.12825	001	001	005
Residential	Single_Family	Pool	2	1	0.12825	001	001	005
Residential	Single_Family	Pool	2	2	0.12825	001	001	005
Residential	Single_Family	Pool	3	-2	0.10048	001	001	005
Residential	Single_Family	Pool	3	-1	0.12825	001	001	005
Residential	Single_Family	Pool	3	0	0.12825	001	001	005
Residential	Single_Family	Pool	3	1	0.12825	001	001	005

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	Single_Family	Pool	3	2	0.12825	001	001	005
Residential	Single_Family	Pool	3	3	0.12825	001	001	005
Residential	Single_Family	Pool	4	-2	0.10048	001	001	005
Residential	Single_Family	Pool	4	-1	0.12825	001	001	005
Residential	Single_Family	Pool	4	0	0.12825	001	001	005
Residential	Single_Family	Pool	4	1	0.12825	001	001	005
Residential	Single_Family	Pool	4	2	0.12825	001	001	005
Residential	Single_Family	Pool	4	3	0.12825	001	001	005
Residential	Single_Family	Pool	4	4	0.12825	001	001	005
Residential	Single_Family	Pool	5	-2	0.10048	001	001	005
Residential	Single_Family	Pool	5	-1	0.12825	001	001	005
Residential	Single_Family	Pool	5	0	0.12825	001	001	005
Residential	Single_Family	Pool	5	1	0.12825	001	001	005
Residential	Single_Family	Pool	5	2	0.12825	001	001	005
Residential	Single_Family	Pool	5	3	0.12825	001	001	005
Residential	Single_Family	Pool	5	4	0.12825	001	001	005
Residential	Single_Family	Pool	5	5	0.12825	001	001	005
Residential	Single_Family	Pool	6	-2	0.10048	001	001	005
Residential	Single_Family	Pool	6	-1	0.12825	001	001	005
Residential	Single_Family	Pool	6	0	0.12825	001	001	005
Residential	Single_Family	Pool	6	1	0.12825	001	001	005
Residential	Single_Family	Pool	6	2	0.12825	001	001	005
Residential	Single_Family	Pool	6	3	0.12825	001	001	005
Residential	Single_Family	Pool	6	4	0.12825	001	001	005
Residential	Single_Family	Pool	6	5	0.12825	001	001	005
Residential	Single_Family	Pool	6	6	0.12825	001	001	005
Residential	Single_Family	Pool	7	-2	0.10048	001	001	005
Residential	Single_Family	Pool	7	-1	0.12825	001	001	005
Residential	Single_Family	Pool	7	0	0.12825	001	001	005
Residential	Single_Family	Pool	7	1	0.12825	001	001	005
Residential	Single_Family	Pool	7	2	0.12825	001	001	005
Residential	Single_Family	Pool	7	3	0.12825	001	001	005
Residential	Single_Family	Pool	7	4	0.12825	001	001	005

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	Single_Family	Pool	7	5	0.12825	001	001	005
Residential	Single_Family	Pool	7	6	0.12825	001	001	005
Residential	Single_Family	Pool	7	7	0.12825	001	001	005
Residential	Single_Family	Pool	8	-2	0.10048	001	001	005
Residential	Single_Family	Pool	8	-1	0.12825	001	001	005
Residential	Single_Family	Pool	8	0	0.12825	001	001	005
Residential	Single_Family	Pool	8	1	0.12825	001	001	005
Residential	Single_Family	Pool	8	2	0.12825	001	001	005
Residential	Single_Family	Pool	8	3	0.12825	001	001	005
Residential	Single_Family	Pool	8	4	0.12825	001	001	005
Residential	Single_Family	Pool	8	5	0.12825	001	001	005
Residential	Single_Family	Pool	8	6	0.12825	001	001	005
Residential	Single_Family	Pool	8	7	0.12825	001	001	005
Residential	Single_Family	Pool	8	8	0.12825	001	001	005
Residential	Single_Family	Pool	9	-2	0.10048	001	001	005
Residential	Single_Family	Pool	9	-1	0.12825	001	001	005
Residential	Single_Family	Pool	9	0	0.12825	001	001	005
Residential	Single_Family	Pool	9	1	0.12825	001	001	005
Residential	Single_Family	Pool	9	2	0.12825	001	001	005
Residential	Single_Family	Pool	9	3	0.12825	001	001	005
Residential	Single_Family	Pool	9	4	0.12825	001	001	005
Residential	Single_Family	Pool	9	5	0.12825	001	001	005
Residential	Single_Family	Pool	9	6	0.12825	001	001	005
Residential	Single_Family	Pool	9	7	0.12825	001	001	005
Residential	Single_Family	Pool	9	8	0.12825	001	001	005
Residential	Single_Family	Pool	9	9	0.12825	001	001	005
Residential	Single_Family	Pool	10	-2	0.10048	001	001	005
Residential	Single_Family	Pool	10	-1	0.12825	001	001	005
Residential	Single_Family	Pool	10	0	0.12825	001	001	005
Residential	Single_Family	Pool	10	1	0.12825	001	001	005
Residential	Single_Family	Pool	10	2	0.12825	001	001	005
Residential	Single_Family	Pool	10	3	0.12825	001	001	005
Residential	Single_Family	Pool	10	4	0.12825	001	001	005

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	Single_Family	Pool	10	5	0.12825	001	001	005
Residential	Single_Family	Pool	10	6	0.12825	001	001	005
Residential	Single_Family	Pool	10	7	0.12825	001	001	005
Residential	Single_Family	Pool	10	8	0.12825	001	001	005
Residential	Single_Family	Pool	10	9	0.12825	001	001	005
Residential	Single_Family	Pool	10	10	0.12825	001	001	005
Residential	Single_Family	Pool	11	-2	0.10048	001	001	005
Residential	Single_Family	Pool	11	-1	0.12825	001	001	005
Residential	Single_Family	Pool	11	0	0.12825	001	001	005
Residential	Single_Family	Pool	11	1	0.12825	001	001	005
Residential	Single_Family	Pool	11	2	0.12825	001	001	005
Residential	Single_Family	Pool	11	3	0.12825	001	001	005
Residential	Single_Family	Pool	11	4	0.12825	001	001	005
Residential	Single_Family	Pool	11	5	0.12825	001	001	005
Residential	Single_Family	Pool	11	6	0.12825	001	001	005
Residential	Single_Family	Pool	11	7	0.12825	001	001	005
Residential	Single_Family	Pool	11	8	0.12825	001	001	005
Residential	Single_Family	Pool	11	9	0.12825	001	001	005
Residential	Single_Family	Pool	11	10	0.12825	001	001	005
Residential	Single_Family	Pool	11	11	0.12825	001	001	005
Residential	Single_Family	Pool	12	-2	0.10048	001	001	005
Residential	Single_Family	Pool	12	-1	0.12825	001	001	005
Residential	Single_Family	Pool	12	0	0.12825	001	001	005
Residential	Single_Family	Pool	12	1	0.12825	001	001	005
Residential	Single_Family	Pool	12	2	0.12825	001	001	005
Residential	Single_Family	Pool	12	3	0.12825	001	001	005
Residential	Single_Family	Pool	12	4	0.12825	001	001	005
Residential	Single_Family	Pool	12	5	0.12825	001	001	005
Residential	Single_Family	Pool	12	6	0.12825	001	001	005
Residential	Single_Family	Pool	12	7	0.12825	001	001	005
Residential	Single_Family	Pool	12	8	0.12825	001	001	005
Residential	Single_Family	Pool	12	9	0.12825	001	001	005
Residential	Single_Family	Pool	12	10	0.12825	001	001	005

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	Single_Family	Pool	12	11	0.12825	001	001	005
Residential	Single_Family	Pool	12	12	0.12825	001	001	005
Residential	Single_Family	Pool	13	-2	0.10048	001	001	005
Residential	Single_Family	Pool	13	-1	0.12825	001	001	005
Residential	Single_Family	Pool	13	0	0.12825	001	001	005
Residential	Single_Family	Pool	13	1	0.12825	001	001	005
Residential	Single_Family	Pool	13	2	0.12825	001	001	005
Residential	Single_Family	Pool	13	3	0.12825	001	001	005
Residential	Single_Family	Pool	13	4	0.12825	001	001	005
Residential	Single_Family	Pool	13	5	0.12825	001	001	005
Residential	Single_Family	Pool	13	6	0.12825	001	001	005
Residential	Single_Family	Pool	13	7	0.12825	001	001	005
Residential	Single_Family	Pool	13	8	0.12825	001	001	005
Residential	Single_Family	Pool	13	9	0.12825	001	001	005
Residential	Single_Family	Pool	13	10	0.12825	001	001	005
Residential	Single_Family	Pool	13	11	0.12825	001	001	005
Residential	Single_Family	Pool	13	12	0.12825	001	001	005
Residential	Single_Family	Pool	13	13	0.12825	001	001	005
Residential	Single_Family	Pool	14	-2	0.10048	001	001	005
Residential	Single_Family	Pool	14	-1	0.12825	001	001	005
Residential	Single_Family	Pool	14	0	0.12825	001	001	005
Residential	Single_Family	Pool	14	1	0.12825	001	001	005
Residential	Single_Family	Pool	14	2	0.12825	001	001	005
Residential	Single_Family	Pool	14	3	0.12825	001	001	005
Residential	Single_Family	Pool	14	4	0.12825	001	001	005
Residential	Single_Family	Pool	14	5	0.12825	001	001	005
Residential	Single_Family	Pool	14	6	0.12825	001	001	005
Residential	Single_Family	Pool	14	7	0.12825	001	001	005
Residential	Single_Family	Pool	14	8	0.12825	001	001	005
Residential	Single_Family	Pool	14	9	0.12825	001	001	005
Residential	Single_Family	Pool	14	10	0.12825	001	001	005
Residential	Single_Family	Pool	14	11	0.12825	001	001	005
Residential	Single_Family	Pool	14	12	0.12825	001	001	005

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	Single_Family	Pool	14	13	0.12825	001	001	005
Residential	Single_Family	Pool	14	14	0.12825	001	001	005
Residential	Single_Family	Pool	15	-2	0.10048	001	001	005
Residential	Single_Family	Pool	15	-1	0.12825	001	001	005
Residential	Single_Family	Pool	15	0	0.12825	001	001	005
Residential	Single_Family	Pool	15	1	0.12825	001	001	005
Residential	Single_Family	Pool	15	2	0.12825	001	001	005
Residential	Single_Family	Pool	15	3	0.12825	001	001	005
Residential	Single_Family	Pool	15	4	0.12825	001	001	005
Residential	Single_Family	Pool	15	5	0.12825	001	001	005
Residential	Single_Family	Pool	15	6	0.12825	001	001	005
Residential	Single_Family	Pool	15	7	0.12825	001	001	005
Residential	Single_Family	Pool	15	8	0.12825	001	001	005
Residential	Single_Family	Pool	15	9	0.12825	001	001	005
Residential	Single_Family	Pool	15	10	0.12825	001	001	005
Residential	Single_Family	Pool	15	11	0.12825	001	001	005
Residential	Single_Family	Pool	15	12	0.12825	001	001	005
Residential	Single_Family	Pool	15	13	0.12825	001	001	005
Residential	Single_Family	Pool	15	14	0.12825	001	001	005
Residential	Single_Family	Pool	15	15	0.12825	001	001	005
Residential	Single_Family	Spa	0	-2	0.10891	001	001	006
Residential	Single_Family	Spa	0	-1	0.16895	001	001	006
Residential	Single_Family	Spa	0	0	0.16895	001	001	006
Residential	Single_Family	Spa	1	-2	0.10891	001	001	006
Residential	Single_Family	Spa	1	-1	0.16895	001	001	006
Residential	Single_Family	Spa	1	0	0.16895	001	001	006
Residential	Single_Family	Spa	1	1	0.16895	001	001	006
Residential	Single_Family	Spa	2	-2	0.10891	001	001	006
Residential	Single_Family	Spa	2	-1	0.16895	001	001	006
Residential	Single_Family	Spa	2	0	0.16895	001	001	006
Residential	Single_Family	Spa	2	1	0.16895	001	001	006
Residential	Single_Family	Spa	2	2	0.16895	001	001	006
Residential	Single_Family	Spa	3	-2	0.10891	001	001	006

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	Single_Family	Spa	3	-1	0.16895	001	001	006
Residential	Single_Family	Spa	3	0	0.16895	001	001	006
Residential	Single_Family	Spa	3	1	0.16895	001	001	006
Residential	Single_Family	Spa	3	2	0.16895	001	001	006
Residential	Single_Family	Spa	3	3	0.16895	001	001	006
Residential	Single_Family	Spa	4	-2	0.10891	001	001	006
Residential	Single_Family	Spa	4	-1	0.16895	001	001	006
Residential	Single_Family	Spa	4	0	0.16895	001	001	006
Residential	Single_Family	Spa	4	1	0.16895	001	001	006
Residential	Single_Family	Spa	4	2	0.16895	001	001	006
Residential	Single_Family	Spa	4	3	0.16895	001	001	006
Residential	Single_Family	Spa	4	4	0.16895	001	001	006
Residential	Single_Family	Spa	5	-2	0.10891	001	001	006
Residential	Single_Family	Spa	5	-1	0.16895	001	001	006
Residential	Single_Family	Spa	5	0	0.16895	001	001	006
Residential	Single_Family	Spa	5	1	0.16895	001	001	006
Residential	Single_Family	Spa	5	2	0.16895	001	001	006
Residential	Single_Family	Spa	5	3	0.16895	001	001	006
Residential	Single_Family	Spa	5	4	0.16895	001	001	006
Residential	Single_Family	Spa	5	5	0.16895	001	001	006
Residential	Single_Family	Spa	6	-2	0.10891	001	001	006
Residential	Single_Family	Spa	6	-1	0.16895	001	001	006
Residential	Single_Family	Spa	6	0	0.16895	001	001	006
Residential	Single_Family	Spa	6	1	0.16895	001	001	006
Residential	Single_Family	Spa	6	2	0.16895	001	001	006
Residential	Single_Family	Spa	6	3	0.16895	001	001	006
Residential	Single_Family	Spa	6	4	0.16895	001	001	006
Residential	Single_Family	Spa	6	5	0.16895	001	001	006
Residential	Single_Family	Spa	6	6	0.16895	001	001	006
Residential	Single_Family	Spa	7	-2	0.10891	001	001	006
Residential	Single_Family	Spa	7	-1	0.16895	001	001	006
Residential	Single_Family	Spa	7	0	0.16895	001	001	006
Residential	Single_Family	Spa	7	1	0.16895	001	001	006

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	Single_Family	Spa	7	2	0.16895	001	001	006
Residential	Single_Family	Spa	7	3	0.16895	001	001	006
Residential	Single_Family	Spa	7	4	0.16895	001	001	006
Residential	Single_Family	Spa	7	5	0.16895	001	001	006
Residential	Single_Family	Spa	7	6	0.16895	001	001	006
Residential	Single_Family	Spa	7	7	0.16895	001	001	006
Residential	Single_Family	Spa	8	-2	0.10891	001	001	006
Residential	Single_Family	Spa	8	-1	0.16895	001	001	006
Residential	Single_Family	Spa	8	0	0.16895	001	001	006
Residential	Single_Family	Spa	8	1	0.16895	001	001	006
Residential	Single_Family	Spa	8	2	0.16895	001	001	006
Residential	Single_Family	Spa	8	3	0.16895	001	001	006
Residential	Single_Family	Spa	8	4	0.16895	001	001	006
Residential	Single_Family	Spa	8	5	0.16895	001	001	006
Residential	Single_Family	Spa	8	6	0.16895	001	001	006
Residential	Single_Family	Spa	8	7	0.16895	001	001	006
Residential	Single_Family	Spa	8	8	0.16895	001	001	006
Residential	Single_Family	Spa	9	-2	0.10891	001	001	006
Residential	Single_Family	Spa	9	-1	0.16895	001	001	006
Residential	Single_Family	Spa	9	0	0.16895	001	001	006
Residential	Single_Family	Spa	9	1	0.16895	001	001	006
Residential	Single_Family	Spa	9	2	0.16895	001	001	006
Residential	Single_Family	Spa	9	3	0.16895	001	001	006
Residential	Single_Family	Spa	9	4	0.16895	001	001	006
Residential	Single_Family	Spa	9	5	0.16895	001	001	006
Residential	Single_Family	Spa	9	6	0.16895	001	001	006
Residential	Single_Family	Spa	9	7	0.16895	001	001	006
Residential	Single_Family	Spa	9	8	0.16895	001	001	006
Residential	Single_Family	Spa	9	9	0.16895	001	001	006
Residential	Single_Family	Spa	10	-2	0.10891	001	001	006
Residential	Single_Family	Spa	10	-1	0.16895	001	001	006
Residential	Single_Family	Spa	10	0	0.16895	001	001	006
Residential	Single_Family	Spa	10	1	0.16895	001	001	006

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	Single_Family	Spa	10	2	0.16895	001	001	006
Residential	Single_Family	Spa	10	3	0.16895	001	001	006
Residential	Single_Family	Spa	10	4	0.16895	001	001	006
Residential	Single_Family	Spa	10	5	0.16895	001	001	006
Residential	Single_Family	Spa	10	6	0.16895	001	001	006
Residential	Single_Family	Spa	10	7	0.16895	001	001	006
Residential	Single_Family	Spa	10	8	0.16895	001	001	006
Residential	Single_Family	Spa	10	9	0.16895	001	001	006
Residential	Single_Family	Spa	10	10	0.16895	001	001	006
Residential	Single_Family	Spa	11	-2	0.10891	001	001	006
Residential	Single_Family	Spa	11	-1	0.16895	001	001	006
Residential	Single_Family	Spa	11	0	0.16895	001	001	006
Residential	Single_Family	Spa	11	1	0.16895	001	001	006
Residential	Single_Family	Spa	11	2	0.16895	001	001	006
Residential	Single_Family	Spa	11	3	0.16895	001	001	006
Residential	Single_Family	Spa	11	4	0.16895	001	001	006
Residential	Single_Family	Spa	11	5	0.16895	001	001	006
Residential	Single_Family	Spa	11	6	0.16895	001	001	006
Residential	Single_Family	Spa	11	7	0.16895	001	001	006
Residential	Single_Family	Spa	11	8	0.16895	001	001	006
Residential	Single_Family	Spa	11	9	0.16895	001	001	006
Residential	Single_Family	Spa	11	10	0.16895	001	001	006
Residential	Single_Family	Spa	11	11	0.16895	001	001	006
Residential	Single_Family	Spa	12	-2	0.10891	001	001	006
Residential	Single_Family	Spa	12	-1	0.16895	001	001	006
Residential	Single_Family	Spa	12	0	0.16895	001	001	006
Residential	Single_Family	Spa	12	1	0.16895	001	001	006
Residential	Single_Family	Spa	12	2	0.16895	001	001	006
Residential	Single_Family	Spa	12	3	0.16895	001	001	006
Residential	Single_Family	Spa	12	4	0.16895	001	001	006
Residential	Single_Family	Spa	12	5	0.16895	001	001	006
Residential	Single_Family	Spa	12	6	0.16895	001	001	006
Residential	Single_Family	Spa	12	7	0.16895	001	001	006

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	Single_Family	Spa	12	8	0.16895	001	001	006
Residential	Single_Family	Spa	12	9	0.16895	001	001	006
Residential	Single_Family	Spa	12	10	0.16895	001	001	006
Residential	Single_Family	Spa	12	11	0.16895	001	001	006
Residential	Single_Family	Spa	12	12	0.16895	001	001	006
Residential	Single_Family	Spa	13	-2	0.10891	001	001	006
Residential	Single_Family	Spa	13	-1	0.16895	001	001	006
Residential	Single_Family	Spa	13	0	0.16895	001	001	006
Residential	Single_Family	Spa	13	1	0.16895	001	001	006
Residential	Single_Family	Spa	13	2	0.16895	001	001	006
Residential	Single_Family	Spa	13	3	0.16895	001	001	006
Residential	Single_Family	Spa	13	4	0.16895	001	001	006
Residential	Single_Family	Spa	13	5	0.16895	001	001	006
Residential	Single_Family	Spa	13	6	0.16895	001	001	006
Residential	Single_Family	Spa	13	7	0.16895	001	001	006
Residential	Single_Family	Spa	13	8	0.16895	001	001	006
Residential	Single_Family	Spa	13	9	0.16895	001	001	006
Residential	Single_Family	Spa	13	10	0.16895	001	001	006
Residential	Single_Family	Spa	13	11	0.16895	001	001	006
Residential	Single_Family	Spa	13	12	0.16895	001	001	006
Residential	Single_Family	Spa	13	13	0.16895	001	001	006
Residential	Single_Family	Spa	14	-2	0.10891	001	001	006
Residential	Single_Family	Spa	14	-1	0.16895	001	001	006
Residential	Single_Family	Spa	14	0	0.16895	001	001	006
Residential	Single_Family	Spa	14	1	0.16895	001	001	006
Residential	Single_Family	Spa	14	2	0.16895	001	001	006
Residential	Single_Family	Spa	14	3	0.16895	001	001	006
Residential	Single_Family	Spa	14	4	0.16895	001	001	006
Residential	Single_Family	Spa	14	5	0.16895	001	001	006
Residential	Single_Family	Spa	14	6	0.16895	001	001	006
Residential	Single_Family	Spa	14	7	0.16895	001	001	006
Residential	Single_Family	Spa	14	8	0.16895	001	001	006
Residential	Single_Family	Spa	14	9	0.16895	001	001	006

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	Single_Family	Spa	14	10	0.16895	001	001	006
Residential	Single_Family	Spa	14	11	0.16895	001	001	006
Residential	Single_Family	Spa	14	12	0.16895	001	001	006
Residential	Single_Family	Spa	14	13	0.16895	001	001	006
Residential	Single_Family	Spa	14	14	0.16895	001	001	006
Residential	Single_Family	Spa	15	-2	0.10891	001	001	006
Residential	Single_Family	Spa	15	-1	0.16895	001	001	006
Residential	Single_Family	Spa	15	0	0.16895	001	001	006
Residential	Single_Family	Spa	15	1	0.16895	001	001	006
Residential	Single_Family	Spa	15	2	0.16895	001	001	006
Residential	Single_Family	Spa	15	3	0.16895	001	001	006
Residential	Single_Family	Spa	15	4	0.16895	001	001	006
Residential	Single_Family	Spa	15	5	0.16895	001	001	006
Residential	Single_Family	Spa	15	6	0.16895	001	001	006
Residential	Single_Family	Spa	15	7	0.16895	001	001	006
Residential	Single_Family	Spa	15	8	0.16895	001	001	006
Residential	Single_Family	Spa	15	9	0.16895	001	001	006
Residential	Single_Family	Spa	15	10	0.16895	001	001	006
Residential	Single_Family	Spa	15	11	0.16895	001	001	006
Residential	Single_Family	Spa	15	12	0.16895	001	001	006
Residential	Single_Family	Spa	15	13	0.16895	001	001	006
Residential	Single_Family	Spa	15	14	0.16895	001	001	006
Residential	Single_Family	Spa	15	15	0.16895	001	001	006
Residential	Single_Family	Fireplace	0	-2	0.13873	001	001	007
Residential	Single_Family	Fireplace	0	-1	0.17998	001	001	007
Residential	Single_Family	Fireplace	0	0	0.17998	001	001	007
Residential	Single_Family	Fireplace	1	-2	0.13873	001	001	007
Residential	Single_Family	Fireplace	1	-1	0.17998	001	001	007
Residential	Single_Family	Fireplace	1	0	0.17998	001	001	007
Residential	Single_Family	Fireplace	1	1	0.17998	001	001	007
Residential	Single_Family	Fireplace	2	-2	0.13873	001	001	007
Residential	Single_Family	Fireplace	2	-1	0.17998	001	001	007
Residential	Single_Family	Fireplace	2	0	0.17998	001	001	007

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	Single_Family	Fireplace	2	1	0.17998	001	001	007
Residential	Single_Family	Fireplace	2	2	0.17998	001	001	007
Residential	Single_Family	Fireplace	3	-2	0.13873	001	001	007
Residential	Single_Family	Fireplace	3	-1	0.17998	001	001	007
Residential	Single_Family	Fireplace	3	0	0.17998	001	001	007
Residential	Single_Family	Fireplace	3	1	0.17998	001	001	007
Residential	Single_Family	Fireplace	3	2	0.17998	001	001	007
Residential	Single_Family	Fireplace	3	3	0.17998	001	001	007
Residential	Single_Family	Fireplace	4	-2	0.13873	001	001	007
Residential	Single_Family	Fireplace	4	-1	0.17998	001	001	007
Residential	Single_Family	Fireplace	4	0	0.17998	001	001	007
Residential	Single_Family	Fireplace	4	1	0.17998	001	001	007
Residential	Single_Family	Fireplace	4	2	0.17998	001	001	007
Residential	Single_Family	Fireplace	4	3	0.17998	001	001	007
Residential	Single_Family	Fireplace	4	4	0.17998	001	001	007
Residential	Single_Family	Fireplace	5	-2	0.13873	001	001	007
Residential	Single_Family	Fireplace	5	-1	0.17998	001	001	007
Residential	Single_Family	Fireplace	5	0	0.17998	001	001	007
Residential	Single_Family	Fireplace	5	1	0.17998	001	001	007
Residential	Single_Family	Fireplace	5	2	0.17998	001	001	007
Residential	Single_Family	Fireplace	5	3	0.17998	001	001	007
Residential	Single_Family	Fireplace	5	4	0.17998	001	001	007
Residential	Single_Family	Fireplace	5	5	0.17998	001	001	007
Residential	Single_Family	Fireplace	6	-2	0.13873	001	001	007
Residential	Single_Family	Fireplace	6	-1	0.17998	001	001	007
Residential	Single_Family	Fireplace	6	0	0.17998	001	001	007
Residential	Single_Family	Fireplace	6	1	0.17998	001	001	007
Residential	Single_Family	Fireplace	6	2	0.17998	001	001	007
Residential	Single_Family	Fireplace	6	3	0.17998	001	001	007
Residential	Single_Family	Fireplace	6	4	0.17998	001	001	007
Residential	Single_Family	Fireplace	6	5	0.17998	001	001	007
Residential	Single_Family	Fireplace	6	6	0.17998	001	001	007
Residential	Single_Family	Fireplace	7	-2	0.13873	001	001	007

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	Single_Family	Fireplace	7	-1	0.17998	001	001	007
Residential	Single_Family	Fireplace	7	0	0.17998	001	001	007
Residential	Single_Family	Fireplace	7	1	0.17998	001	001	007
Residential	Single_Family	Fireplace	7	2	0.17998	001	001	007
Residential	Single_Family	Fireplace	7	3	0.17998	001	001	007
Residential	Single_Family	Fireplace	7	4	0.17998	001	001	007
Residential	Single_Family	Fireplace	7	5	0.17998	001	001	007
Residential	Single_Family	Fireplace	7	6	0.17998	001	001	007
Residential	Single_Family	Fireplace	7	7	0.17998	001	001	007
Residential	Single_Family	Fireplace	8	-2	0.13873	001	001	007
Residential	Single_Family	Fireplace	8	-1	0.17998	001	001	007
Residential	Single_Family	Fireplace	8	0	0.17998	001	001	007
Residential	Single_Family	Fireplace	8	1	0.17998	001	001	007
Residential	Single_Family	Fireplace	8	2	0.17998	001	001	007
Residential	Single_Family	Fireplace	8	3	0.17998	001	001	007
Residential	Single_Family	Fireplace	8	4	0.17998	001	001	007
Residential	Single_Family	Fireplace	8	5	0.17998	001	001	007
Residential	Single_Family	Fireplace	8	6	0.17998	001	001	007
Residential	Single_Family	Fireplace	8	7	0.17998	001	001	007
Residential	Single_Family	Fireplace	8	8	0.17998	001	001	007
Residential	Single_Family	Fireplace	9	-2	0.13873	001	001	007
Residential	Single_Family	Fireplace	9	-1	0.17998	001	001	007
Residential	Single_Family	Fireplace	9	0	0.17998	001	001	007
Residential	Single_Family	Fireplace	9	1	0.17998	001	001	007
Residential	Single_Family	Fireplace	9	2	0.17998	001	001	007
Residential	Single_Family	Fireplace	9	3	0.17998	001	001	007
Residential	Single_Family	Fireplace	9	4	0.17998	001	001	007
Residential	Single_Family	Fireplace	9	5	0.17998	001	001	007
Residential	Single_Family	Fireplace	9	6	0.17998	001	001	007
Residential	Single_Family	Fireplace	9	7	0.17998	001	001	007
Residential	Single_Family	Fireplace	9	8	0.17998	001	001	007
Residential	Single_Family	Fireplace	9	9	0.17998	001	001	007
Residential	Single_Family	Fireplace	10	-2	0.13873	001	001	007

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	Single_Family	Fireplace	10	-1	0.17998	001	001	007
Residential	Single_Family	Fireplace	10	0	0.17998	001	001	007
Residential	Single_Family	Fireplace	10	1	0.17998	001	001	007
Residential	Single_Family	Fireplace	10	2	0.17998	001	001	007
Residential	Single_Family	Fireplace	10	3	0.17998	001	001	007
Residential	Single_Family	Fireplace	10	4	0.17998	001	001	007
Residential	Single_Family	Fireplace	10	5	0.17998	001	001	007
Residential	Single_Family	Fireplace	10	6	0.17998	001	001	007
Residential	Single_Family	Fireplace	10	7	0.17998	001	001	007
Residential	Single_Family	Fireplace	10	8	0.17998	001	001	007
Residential	Single_Family	Fireplace	10	9	0.17998	001	001	007
Residential	Single_Family	Fireplace	10	10	0.17998	001	001	007
Residential	Single_Family	Fireplace	11	-2	0.13873	001	001	007
Residential	Single_Family	Fireplace	11	-1	0.17998	001	001	007
Residential	Single_Family	Fireplace	11	0	0.17998	001	001	007
Residential	Single_Family	Fireplace	11	1	0.17998	001	001	007
Residential	Single_Family	Fireplace	11	2	0.17998	001	001	007
Residential	Single_Family	Fireplace	11	3	0.17998	001	001	007
Residential	Single_Family	Fireplace	11	4	0.17998	001	001	007
Residential	Single_Family	Fireplace	11	5	0.17998	001	001	007
Residential	Single_Family	Fireplace	11	6	0.17998	001	001	007
Residential	Single_Family	Fireplace	11	7	0.17998	001	001	007
Residential	Single_Family	Fireplace	11	8	0.17998	001	001	007
Residential	Single_Family	Fireplace	11	9	0.17998	001	001	007
Residential	Single_Family	Fireplace	11	10	0.17998	001	001	007
Residential	Single_Family	Fireplace	11	11	0.17998	001	001	007
Residential	Single_Family	Fireplace	12	-2	0.13873	001	001	007
Residential	Single_Family	Fireplace	12	-1	0.17998	001	001	007
Residential	Single_Family	Fireplace	12	0	0.17998	001	001	007
Residential	Single_Family	Fireplace	12	1	0.17998	001	001	007
Residential	Single_Family	Fireplace	12	2	0.17998	001	001	007
Residential	Single_Family	Fireplace	12	3	0.17998	001	001	007
Residential	Single_Family	Fireplace	12	4	0.17998	001	001	007

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	Single_Family	Fireplace	12	5	0.17998	001	001	007
Residential	Single_Family	Fireplace	12	6	0.17998	001	001	007
Residential	Single_Family	Fireplace	12	7	0.17998	001	001	007
Residential	Single_Family	Fireplace	12	8	0.17998	001	001	007
Residential	Single_Family	Fireplace	12	9	0.17998	001	001	007
Residential	Single_Family	Fireplace	12	10	0.17998	001	001	007
Residential	Single_Family	Fireplace	12	11	0.17998	001	001	007
Residential	Single_Family	Fireplace	12	12	0.17998	001	001	007
Residential	Single_Family	Fireplace	13	-2	0.13873	001	001	007
Residential	Single_Family	Fireplace	13	-1	0.17998	001	001	007
Residential	Single_Family	Fireplace	13	0	0.17998	001	001	007
Residential	Single_Family	Fireplace	13	1	0.17998	001	001	007
Residential	Single_Family	Fireplace	13	2	0.17998	001	001	007
Residential	Single_Family	Fireplace	13	3	0.17998	001	001	007
Residential	Single_Family	Fireplace	13	4	0.17998	001	001	007
Residential	Single_Family	Fireplace	13	5	0.17998	001	001	007
Residential	Single_Family	Fireplace	13	6	0.17998	001	001	007
Residential	Single_Family	Fireplace	13	7	0.17998	001	001	007
Residential	Single_Family	Fireplace	13	8	0.17998	001	001	007
Residential	Single_Family	Fireplace	13	9	0.17998	001	001	007
Residential	Single_Family	Fireplace	13	10	0.17998	001	001	007
Residential	Single_Family	Fireplace	13	11	0.17998	001	001	007
Residential	Single_Family	Fireplace	13	12	0.17998	001	001	007
Residential	Single_Family	Fireplace	13	13	0.17998	001	001	007
Residential	Single_Family	Fireplace	14	-2	0.13873	001	001	007
Residential	Single_Family	Fireplace	14	-1	0.17998	001	001	007
Residential	Single_Family	Fireplace	14	0	0.17998	001	001	007
Residential	Single_Family	Fireplace	14	1	0.17998	001	001	007
Residential	Single_Family	Fireplace	14	2	0.17998	001	001	007
Residential	Single_Family	Fireplace	14	3	0.17998	001	001	007
Residential	Single_Family	Fireplace	14	4	0.17998	001	001	007
Residential	Single_Family	Fireplace	14	5	0.17998	001	001	007
Residential	Single_Family	Fireplace	14	6	0.17998	001	001	007

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	Single_Family	Fireplace	14	7	0.17998	001	001	007
Residential	Single_Family	Fireplace	14	8	0.17998	001	001	007
Residential	Single_Family	Fireplace	14	9	0.17998	001	001	007
Residential	Single_Family	Fireplace	14	10	0.17998	001	001	007
Residential	Single_Family	Fireplace	14	11	0.17998	001	001	007
Residential	Single_Family	Fireplace	14	12	0.17998	001	001	007
Residential	Single_Family	Fireplace	14	13	0.17998	001	001	007
Residential	Single_Family	Fireplace	14	14	0.17998	001	001	007
Residential	Single_Family	Fireplace	15	-2	0.13873	001	001	007
Residential	Single_Family	Fireplace	15	-1	0.17998	001	001	007
Residential	Single_Family	Fireplace	15	0	0.17998	001	001	007
Residential	Single_Family	Fireplace	15	1	0.17998	001	001	007
Residential	Single_Family	Fireplace	15	2	0.17998	001	001	007
Residential	Single_Family	Fireplace	15	3	0.17998	001	001	007
Residential	Single_Family	Fireplace	15	4	0.17998	001	001	007
Residential	Single_Family	Fireplace	15	5	0.17998	001	001	007
Residential	Single_Family	Fireplace	15	6	0.17998	001	001	007
Residential	Single_Family	Fireplace	15	7	0.17998	001	001	007
Residential	Single_Family	Fireplace	15	8	0.17998	001	001	007
Residential	Single_Family	Fireplace	15	9	0.17998	001	001	007
Residential	Single_Family	Fireplace	15	10	0.17998	001	001	007
Residential	Single_Family	Fireplace	15	11	0.17998	001	001	007
Residential	Single_Family	Fireplace	15	12	0.17998	001	001	007
Residential	Single_Family	Fireplace	15	13	0.17998	001	001	007
Residential	Single_Family	Fireplace	15	14	0.17998	001	001	007
Residential	Single_Family	Fireplace	15	15	0.17998	001	001	007
Residential	Single_Family	Barbecue	0	-2	0.38368	001	001	008
Residential	Single_Family	Barbecue	0	-1	0.44098	001	001	008
Residential	Single_Family	Barbecue	0	0	0.44098	001	001	008
Residential	Single_Family	Barbecue	1	-2	0.38368	001	001	008
Residential	Single_Family	Barbecue	1	-1	0.44098	001	001	008
Residential	Single_Family	Barbecue	1	0	0.44098	001	001	008
Residential	Single_Family	Barbecue	1	1	0.44098	001	001	008

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	Single_Family	Barbecue	2	-2	0.38368	001	001	008
Residential	Single_Family	Barbecue	2	-1	0.44098	001	001	008
Residential	Single_Family	Barbecue	2	0	0.44098	001	001	008
Residential	Single_Family	Barbecue	2	1	0.44098	001	001	008
Residential	Single_Family	Barbecue	2	2	0.44098	001	001	008
Residential	Single_Family	Barbecue	3	-2	0.38368	001	001	008
Residential	Single_Family	Barbecue	3	-1	0.44098	001	001	008
Residential	Single_Family	Barbecue	3	0	0.44098	001	001	008
Residential	Single_Family	Barbecue	3	1	0.44098	001	001	008
Residential	Single_Family	Barbecue	3	2	0.44098	001	001	008
Residential	Single_Family	Barbecue	3	3	0.44098	001	001	008
Residential	Single_Family	Barbecue	4	-2	0.38368	001	001	008
Residential	Single_Family	Barbecue	4	-1	0.44098	001	001	008
Residential	Single_Family	Barbecue	4	0	0.44098	001	001	008
Residential	Single_Family	Barbecue	4	1	0.44098	001	001	008
Residential	Single_Family	Barbecue	4	2	0.44098	001	001	008
Residential	Single_Family	Barbecue	4	3	0.44098	001	001	008
Residential	Single_Family	Barbecue	4	4	0.44098	001	001	008
Residential	Single_Family	Barbecue	5	-2	0.38368	001	001	008
Residential	Single_Family	Barbecue	5	-1	0.44098	001	001	008
Residential	Single_Family	Barbecue	5	0	0.44098	001	001	008
Residential	Single_Family	Barbecue	5	1	0.44098	001	001	008
Residential	Single_Family	Barbecue	5	2	0.44098	001	001	008
Residential	Single_Family	Barbecue	5	3	0.44098	001	001	008
Residential	Single_Family	Barbecue	5	4	0.44098	001	001	008
Residential	Single_Family	Barbecue	5	5	0.44098	001	001	008
Residential	Single_Family	Barbecue	6	-2	0.38368	001	001	008
Residential	Single_Family	Barbecue	6	-1	0.44098	001	001	008
Residential	Single_Family	Barbecue	6	0	0.44098	001	001	008
Residential	Single_Family	Barbecue	6	1	0.44098	001	001	008
Residential	Single_Family	Barbecue	6	2	0.44098	001	001	008
Residential	Single_Family	Barbecue	6	3	0.44098	001	001	008
Residential	Single_Family	Barbecue	6	4	0.44098	001	001	008

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	Single_Family	Barbecue	6	5	0.44098	001	001	008
Residential	Single_Family	Barbecue	6	6	0.44098	001	001	008
Residential	Single_Family	Barbecue	7	-2	0.38368	001	001	008
Residential	Single_Family	Barbecue	7	-1	0.44098	001	001	008
Residential	Single_Family	Barbecue	7	0	0.44098	001	001	008
Residential	Single_Family	Barbecue	7	1	0.44098	001	001	008
Residential	Single_Family	Barbecue	7	2	0.44098	001	001	008
Residential	Single_Family	Barbecue	7	3	0.44098	001	001	008
Residential	Single_Family	Barbecue	7	4	0.44098	001	001	008
Residential	Single_Family	Barbecue	7	5	0.44098	001	001	008
Residential	Single_Family	Barbecue	7	6	0.44098	001	001	008
Residential	Single_Family	Barbecue	7	7	0.44098	001	001	008
Residential	Single_Family	Barbecue	8	-2	0.38368	001	001	008
Residential	Single_Family	Barbecue	8	-1	0.44098	001	001	008
Residential	Single_Family	Barbecue	8	0	0.44098	001	001	008
Residential	Single_Family	Barbecue	8	1	0.44098	001	001	008
Residential	Single_Family	Barbecue	8	2	0.44098	001	001	008
Residential	Single_Family	Barbecue	8	3	0.44098	001	001	008
Residential	Single_Family	Barbecue	8	4	0.44098	001	001	008
Residential	Single_Family	Barbecue	8	5	0.44098	001	001	008
Residential	Single_Family	Barbecue	8	6	0.44098	001	001	008
Residential	Single_Family	Barbecue	8	7	0.44098	001	001	008
Residential	Single_Family	Barbecue	8	8	0.44098	001	001	008
Residential	Single_Family	Barbecue	9	-2	0.38368	001	001	008
Residential	Single_Family	Barbecue	9	-1	0.44098	001	001	008
Residential	Single_Family	Barbecue	9	0	0.44098	001	001	008
Residential	Single_Family	Barbecue	9	1	0.44098	001	001	008
Residential	Single_Family	Barbecue	9	2	0.44098	001	001	008
Residential	Single_Family	Barbecue	9	3	0.44098	001	001	008
Residential	Single_Family	Barbecue	9	4	0.44098	001	001	008
Residential	Single_Family	Barbecue	9	5	0.44098	001	001	008
Residential	Single_Family	Barbecue	9	6	0.44098	001	001	008
Residential	Single_Family	Barbecue	9	7	0.44098	001	001	008

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	Single_Family	Barbecue	9	8	0.44098	001	001	008
Residential	Single_Family	Barbecue	9	9	0.44098	001	001	008
Residential	Single_Family	Barbecue	10	-2	0.38368	001	001	008
Residential	Single_Family	Barbecue	10	-1	0.44098	001	001	008
Residential	Single_Family	Barbecue	10	0	0.44098	001	001	008
Residential	Single_Family	Barbecue	10	1	0.44098	001	001	008
Residential	Single_Family	Barbecue	10	2	0.44098	001	001	008
Residential	Single_Family	Barbecue	10	3	0.44098	001	001	008
Residential	Single_Family	Barbecue	10	4	0.44098	001	001	008
Residential	Single_Family	Barbecue	10	5	0.44098	001	001	008
Residential	Single_Family	Barbecue	10	6	0.44098	001	001	008
Residential	Single_Family	Barbecue	10	7	0.44098	001	001	008
Residential	Single_Family	Barbecue	10	8	0.44098	001	001	008
Residential	Single_Family	Barbecue	10	9	0.44098	001	001	008
Residential	Single_Family	Barbecue	10	10	0.44098	001	001	008
Residential	Single_Family	Barbecue	11	-2	0.38368	001	001	008
Residential	Single_Family	Barbecue	11	-1	0.44098	001	001	008
Residential	Single_Family	Barbecue	11	0	0.44098	001	001	008
Residential	Single_Family	Barbecue	11	1	0.44098	001	001	008
Residential	Single_Family	Barbecue	11	2	0.44098	001	001	008
Residential	Single_Family	Barbecue	11	3	0.44098	001	001	008
Residential	Single_Family	Barbecue	11	4	0.44098	001	001	008
Residential	Single_Family	Barbecue	11	5	0.44098	001	001	008
Residential	Single_Family	Barbecue	11	6	0.44098	001	001	008
Residential	Single_Family	Barbecue	11	7	0.44098	001	001	008
Residential	Single_Family	Barbecue	11	8	0.44098	001	001	008
Residential	Single_Family	Barbecue	11	9	0.44098	001	001	008
Residential	Single_Family	Barbecue	11	10	0.44098	001	001	008
Residential	Single_Family	Barbecue	11	11	0.44098	001	001	008
Residential	Single_Family	Barbecue	12	-2	0.38368	001	001	008
Residential	Single_Family	Barbecue	12	-1	0.44098	001	001	008
Residential	Single_Family	Barbecue	12	0	0.44098	001	001	008
Residential	Single_Family	Barbecue	12	1	0.44098	001	001	008

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	Single_Family	Barbecue	12	2	0.44098	001	001	008
Residential	Single_Family	Barbecue	12	3	0.44098	001	001	008
Residential	Single_Family	Barbecue	12	4	0.44098	001	001	008
Residential	Single_Family	Barbecue	12	5	0.44098	001	001	008
Residential	Single_Family	Barbecue	12	6	0.44098	001	001	008
Residential	Single_Family	Barbecue	12	7	0.44098	001	001	008
Residential	Single_Family	Barbecue	12	8	0.44098	001	001	008
Residential	Single_Family	Barbecue	12	9	0.44098	001	001	008
Residential	Single_Family	Barbecue	12	10	0.44098	001	001	008
Residential	Single_Family	Barbecue	12	11	0.44098	001	001	008
Residential	Single_Family	Barbecue	12	12	0.44098	001	001	008
Residential	Single_Family	Barbecue	13	-2	0.38368	001	001	008
Residential	Single_Family	Barbecue	13	-1	0.44098	001	001	008
Residential	Single_Family	Barbecue	13	0	0.44098	001	001	008
Residential	Single_Family	Barbecue	13	1	0.44098	001	001	008
Residential	Single_Family	Barbecue	13	2	0.44098	001	001	008
Residential	Single_Family	Barbecue	13	3	0.44098	001	001	008
Residential	Single_Family	Barbecue	13	4	0.44098	001	001	008
Residential	Single_Family	Barbecue	13	5	0.44098	001	001	008
Residential	Single_Family	Barbecue	13	6	0.44098	001	001	008
Residential	Single_Family	Barbecue	13	7	0.44098	001	001	008
Residential	Single_Family	Barbecue	13	8	0.44098	001	001	008
Residential	Single_Family	Barbecue	13	9	0.44098	001	001	008
Residential	Single_Family	Barbecue	13	10	0.44098	001	001	008
Residential	Single_Family	Barbecue	13	11	0.44098	001	001	008
Residential	Single_Family	Barbecue	13	12	0.44098	001	001	008
Residential	Single_Family	Barbecue	13	13	0.44098	001	001	008
Residential	Single_Family	Barbecue	14	-2	0.38368	001	001	008
Residential	Single_Family	Barbecue	14	-1	0.44098	001	001	008
Residential	Single_Family	Barbecue	14	0	0.44098	001	001	008
Residential	Single_Family	Barbecue	14	1	0.44098	001	001	008
Residential	Single_Family	Barbecue	14	2	0.44098	001	001	008
Residential	Single_Family	Barbecue	14	3	0.44098	001	001	008

zName	bName	nName	year	vintage	saturation	z	b	n	
Residential	Single_Family	Barbecue	14	4	0.44098	001	001	008	
Residential	Single_Family	Barbecue	14	5	0.44098	001	001	008	
Residential	Single_Family	Barbecue	14	6	0.44098	001	001	008	
Residential	Single_Family	Barbecue	14	7	0.44098	001	001	008	
Residential	Single_Family	Barbecue	14	8	0.44098	001	001	008	
Residential	Single_Family	Barbecue	14	9	0.44098	001	001	008	
Residential	Single_Family	Barbecue	14	10	0.44098	001	001	008	
Residential	Single_Family	Barbecue	14	11	0.44098	001	001	008	
Residential	Single_Family	Barbecue	14	12	0.44098	001	001	008	
Residential	Single_Family	Barbecue	14	13	0.44098	001	001	008	
Residential	Single_Family	Barbecue	14	14	0.44098	001	001	008	
Residential	Single_Family	Barbecue	15	-2	0.38368	001	001	008	
Residential	Single_Family	Barbecue	15	-1	0.44098	001	001	008	
Residential	Single_Family	Barbecue	15	0	0.44098	001	001	008	
Residential	Single_Family	Barbecue	15	1	0.44098	001	001	008	
Residential	Single_Family	Barbecue	15	2	0.44098	001	001	008	
Residential	Single_Family	Barbecue	15	3	0.44098	001	001	008	
Residential	Single_Family	Barbecue	15	4	0.44098	001	001	008	
Residential	Single_Family	Barbecue	15	5	0.44098	001	001	008	
Residential	Single_Family	Barbecue	15	6	0.44098	001	001	008	
Residential	Single_Family	Barbecue	15	7	0.44098	001	001	008	
Residential	Single_Family	Barbecue	15	8	0.44098	001	001	008	
Residential	Single_Family	Barbecue	15	9	0.44098	001	001	008	
Residential	Single_Family	Barbecue	15	10	0.44098	001	001	008	
Residential	Single_Family	Barbecue	15	11	0.44098	001	001	008	
Residential	Single_Family	Barbecue	15	12	0.44098	001	001	008	
Residential	Single_Family	Barbecue	15	13	0.44098	001	001	008	
Residential	Single_Family	Barbecue	15	14	0.44098	001	001	008	
Residential	Single_Family	Barbecue	15	15	0.44098	001	001	008	
Residential	Single_Family	Other	0	-2		1	001	001	009
Residential	Single_Family	Other	0	-1		1	001	001	009
Residential	Single_Family	Other	0	0		1	001	001	009
Residential	Single_Family	Other	1	-2		1	001	001	009

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	Single_Family	Other	1	-1	1	001	001	009
Residential	Single_Family	Other	1	0	1	001	001	009
Residential	Single_Family	Other	1	1	1	001	001	009
Residential	Single_Family	Other	2	-2	1	001	001	009
Residential	Single_Family	Other	2	-1	1	001	001	009
Residential	Single_Family	Other	2	0	1	001	001	009
Residential	Single_Family	Other	2	1	1	001	001	009
Residential	Single_Family	Other	2	2	1	001	001	009
Residential	Single_Family	Other	3	-2	1	001	001	009
Residential	Single_Family	Other	3	-1	1	001	001	009
Residential	Single_Family	Other	3	0	1	001	001	009
Residential	Single_Family	Other	3	1	1	001	001	009
Residential	Single_Family	Other	3	2	1	001	001	009
Residential	Single_Family	Other	3	3	1	001	001	009
Residential	Single_Family	Other	4	-2	1	001	001	009
Residential	Single_Family	Other	4	-1	1	001	001	009
Residential	Single_Family	Other	4	0	1	001	001	009
Residential	Single_Family	Other	4	1	1	001	001	009
Residential	Single_Family	Other	4	2	1	001	001	009
Residential	Single_Family	Other	4	3	1	001	001	009
Residential	Single_Family	Other	4	4	1	001	001	009
Residential	Single_Family	Other	5	-2	1	001	001	009
Residential	Single_Family	Other	5	-1	1	001	001	009
Residential	Single_Family	Other	5	0	1	001	001	009
Residential	Single_Family	Other	5	1	1	001	001	009
Residential	Single_Family	Other	5	2	1	001	001	009
Residential	Single_Family	Other	5	3	1	001	001	009
Residential	Single_Family	Other	5	4	1	001	001	009
Residential	Single_Family	Other	5	5	1	001	001	009
Residential	Single_Family	Other	6	-2	1	001	001	009
Residential	Single_Family	Other	6	-1	1	001	001	009
Residential	Single_Family	Other	6	0	1	001	001	009
Residential	Single_Family	Other	6	1	1	001	001	009

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	Single_Family	Other	6	2	1	001	001	009
Residential	Single_Family	Other	6	3	1	001	001	009
Residential	Single_Family	Other	6	4	1	001	001	009
Residential	Single_Family	Other	6	5	1	001	001	009
Residential	Single_Family	Other	6	6	1	001	001	009
Residential	Single_Family	Other	7	-2	1	001	001	009
Residential	Single_Family	Other	7	-1	1	001	001	009
Residential	Single_Family	Other	7	0	1	001	001	009
Residential	Single_Family	Other	7	1	1	001	001	009
Residential	Single_Family	Other	7	2	1	001	001	009
Residential	Single_Family	Other	7	3	1	001	001	009
Residential	Single_Family	Other	7	4	1	001	001	009
Residential	Single_Family	Other	7	5	1	001	001	009
Residential	Single_Family	Other	7	6	1	001	001	009
Residential	Single_Family	Other	7	7	1	001	001	009
Residential	Single_Family	Other	8	-2	1	001	001	009
Residential	Single_Family	Other	8	-1	1	001	001	009
Residential	Single_Family	Other	8	0	1	001	001	009
Residential	Single_Family	Other	8	1	1	001	001	009
Residential	Single_Family	Other	8	2	1	001	001	009
Residential	Single_Family	Other	8	3	1	001	001	009
Residential	Single_Family	Other	8	4	1	001	001	009
Residential	Single_Family	Other	8	5	1	001	001	009
Residential	Single_Family	Other	8	6	1	001	001	009
Residential	Single_Family	Other	8	7	1	001	001	009
Residential	Single_Family	Other	8	8	1	001	001	009
Residential	Single_Family	Other	9	-2	1	001	001	009
Residential	Single_Family	Other	9	-1	1	001	001	009
Residential	Single_Family	Other	9	0	1	001	001	009
Residential	Single_Family	Other	9	1	1	001	001	009
Residential	Single_Family	Other	9	2	1	001	001	009
Residential	Single_Family	Other	9	3	1	001	001	009
Residential	Single_Family	Other	9	4	1	001	001	009

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	Single_Family	Other	9	5		1	001	001 009
Residential	Single_Family	Other	9	6		1	001	001 009
Residential	Single_Family	Other	9	7		1	001	001 009
Residential	Single_Family	Other	9	8		1	001	001 009
Residential	Single_Family	Other	9	9		1	001	001 009
Residential	Single_Family	Other	10	-2		1	001	001 009
Residential	Single_Family	Other	10	-1		1	001	001 009
Residential	Single_Family	Other	10	0		1	001	001 009
Residential	Single_Family	Other	10	1		1	001	001 009
Residential	Single_Family	Other	10	2		1	001	001 009
Residential	Single_Family	Other	10	3		1	001	001 009
Residential	Single_Family	Other	10	4		1	001	001 009
Residential	Single_Family	Other	10	5		1	001	001 009
Residential	Single_Family	Other	10	6		1	001	001 009
Residential	Single_Family	Other	10	7		1	001	001 009
Residential	Single_Family	Other	10	8		1	001	001 009
Residential	Single_Family	Other	10	9		1	001	001 009
Residential	Single_Family	Other	10	10		1	001	001 009
Residential	Single_Family	Other	11	-2		1	001	001 009
Residential	Single_Family	Other	11	-1		1	001	001 009
Residential	Single_Family	Other	11	0		1	001	001 009
Residential	Single_Family	Other	11	1		1	001	001 009
Residential	Single_Family	Other	11	2		1	001	001 009
Residential	Single_Family	Other	11	3		1	001	001 009
Residential	Single_Family	Other	11	4		1	001	001 009
Residential	Single_Family	Other	11	5		1	001	001 009
Residential	Single_Family	Other	11	6		1	001	001 009
Residential	Single_Family	Other	11	7		1	001	001 009
Residential	Single_Family	Other	11	8		1	001	001 009
Residential	Single_Family	Other	11	9		1	001	001 009
Residential	Single_Family	Other	11	10		1	001	001 009
Residential	Single_Family	Other	11	11		1	001	001 009
Residential	Single_Family	Other	12	-2		1	001	001 009

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	Single_Family	Other	12	-1		1	001	001 009
Residential	Single_Family	Other	12	0		1	001	001 009
Residential	Single_Family	Other	12	1		1	001	001 009
Residential	Single_Family	Other	12	2		1	001	001 009
Residential	Single_Family	Other	12	3		1	001	001 009
Residential	Single_Family	Other	12	4		1	001	001 009
Residential	Single_Family	Other	12	5		1	001	001 009
Residential	Single_Family	Other	12	6		1	001	001 009
Residential	Single_Family	Other	12	7		1	001	001 009
Residential	Single_Family	Other	12	8		1	001	001 009
Residential	Single_Family	Other	12	9		1	001	001 009
Residential	Single_Family	Other	12	10		1	001	001 009
Residential	Single_Family	Other	12	11		1	001	001 009
Residential	Single_Family	Other	12	12		1	001	001 009
Residential	Single_Family	Other	13	-2		1	001	001 009
Residential	Single_Family	Other	13	-1		1	001	001 009
Residential	Single_Family	Other	13	0		1	001	001 009
Residential	Single_Family	Other	13	1		1	001	001 009
Residential	Single_Family	Other	13	2		1	001	001 009
Residential	Single_Family	Other	13	3		1	001	001 009
Residential	Single_Family	Other	13	4		1	001	001 009
Residential	Single_Family	Other	13	5		1	001	001 009
Residential	Single_Family	Other	13	6		1	001	001 009
Residential	Single_Family	Other	13	7		1	001	001 009
Residential	Single_Family	Other	13	8		1	001	001 009
Residential	Single_Family	Other	13	9		1	001	001 009
Residential	Single_Family	Other	13	10		1	001	001 009
Residential	Single_Family	Other	13	11		1	001	001 009
Residential	Single_Family	Other	13	12		1	001	001 009
Residential	Single_Family	Other	13	13		1	001	001 009
Residential	Single_Family	Other	14	-2		1	001	001 009
Residential	Single_Family	Other	14	-1		1	001	001 009
Residential	Single_Family	Other	14	0		1	001	001 009

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	Single_Family	Other	14	1	1	001	001	009
Residential	Single_Family	Other	14	2	1	001	001	009
Residential	Single_Family	Other	14	3	1	001	001	009
Residential	Single_Family	Other	14	4	1	001	001	009
Residential	Single_Family	Other	14	5	1	001	001	009
Residential	Single_Family	Other	14	6	1	001	001	009
Residential	Single_Family	Other	14	7	1	001	001	009
Residential	Single_Family	Other	14	8	1	001	001	009
Residential	Single_Family	Other	14	9	1	001	001	009
Residential	Single_Family	Other	14	10	1	001	001	009
Residential	Single_Family	Other	14	11	1	001	001	009
Residential	Single_Family	Other	14	12	1	001	001	009
Residential	Single_Family	Other	14	13	1	001	001	009
Residential	Single_Family	Other	14	14	1	001	001	009
Residential	Single_Family	Other	15	-2	1	001	001	009
Residential	Single_Family	Other	15	-1	1	001	001	009
Residential	Single_Family	Other	15	0	1	001	001	009
Residential	Single_Family	Other	15	1	1	001	001	009
Residential	Single_Family	Other	15	2	1	001	001	009
Residential	Single_Family	Other	15	3	1	001	001	009
Residential	Single_Family	Other	15	4	1	001	001	009
Residential	Single_Family	Other	15	5	1	001	001	009
Residential	Single_Family	Other	15	6	1	001	001	009
Residential	Single_Family	Other	15	7	1	001	001	009
Residential	Single_Family	Other	15	8	1	001	001	009
Residential	Single_Family	Other	15	9	1	001	001	009
Residential	Single_Family	Other	15	10	1	001	001	009
Residential	Single_Family	Other	15	11	1	001	001	009
Residential	Single_Family	Other	15	12	1	001	001	009
Residential	Single_Family	Other	15	13	1	001	001	009
Residential	Single_Family	Other	15	14	1	001	001	009
Residential	Single_Family	Other	15	15	1	001	001	009
Residential	MF2_2_TO_4_Units	Space_Heat	0	-2	1	001	002	001

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF2_2_TO_4_Units	Space_Heat	0	-1	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	0	0	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	1	-2	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	1	-1	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	1	0	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	1	1	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	2	-2	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	2	-1	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	2	0	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	2	1	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	2	2	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	3	-2	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	3	-1	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	3	0	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	3	1	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	3	2	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	3	3	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	4	-2	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	4	-1	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	4	0	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	4	1	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	4	2	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	4	3	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	4	4	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	5	-2	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	5	-1	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	5	0	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	5	1	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	5	2	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	5	3	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	5	4	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	5	5	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	6	-2	1	001	002	001

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF2_2_TO_4_Units	Space_Heat	6	-1	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	6	0	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	6	1	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	6	2	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	6	3	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	6	4	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	6	5	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	6	6	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	7	-2	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	7	-1	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	7	0	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	7	1	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	7	2	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	7	3	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	7	4	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	7	5	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	7	6	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	7	7	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	8	-2	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	8	-1	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	8	0	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	8	1	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	8	2	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	8	3	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	8	4	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	8	5	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	8	6	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	8	7	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	8	8	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	9	-2	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	9	-1	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	9	0	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	9	1	1	001	002	001

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF2_2_TO_4_Units	Space_Heat	9	2	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	9	3	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	9	4	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	9	5	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	9	6	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	9	7	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	9	8	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	9	9	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	10	-2	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	10	-1	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	10	0	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	10	1	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	10	2	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	10	3	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	10	4	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	10	5	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	10	6	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	10	7	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	10	8	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	10	9	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	10	10	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	11	-2	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	11	-1	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	11	0	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	11	1	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	11	2	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	11	3	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	11	4	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	11	5	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	11	6	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	11	7	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	11	8	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	11	9	1	001	002	001

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF2_2_TO_4_Units	Space_Heat	11	10	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	11	11	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	12	-2	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	12	-1	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	12	0	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	12	1	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	12	2	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	12	3	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	12	4	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	12	5	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	12	6	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	12	7	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	12	8	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	12	9	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	12	10	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	12	11	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	12	12	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	13	-2	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	13	-1	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	13	0	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	13	1	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	13	2	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	13	3	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	13	4	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	13	5	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	13	6	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	13	7	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	13	8	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	13	9	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	13	10	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	13	11	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	13	12	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	13	13	1	001	002	001

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF2_2_TO_4_Units	Space_Heat	14	-2	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	14	-1	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	14	0	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	14	1	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	14	2	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	14	3	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	14	4	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	14	5	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	14	6	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	14	7	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	14	8	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	14	9	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	14	10	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	14	11	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	14	12	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	14	13	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	14	14	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	15	-2	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	15	-1	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	15	0	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	15	1	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	15	2	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	15	3	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	15	4	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	15	5	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	15	6	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	15	7	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	15	8	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	15	9	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	15	10	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	15	11	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	15	12	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	15	13	1	001	002	001

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF2_2_TO_4_Units	Space_Heat	15	14	1	001	002	001
Residential	MF2_2_TO_4_Units	Space_Heat	15	15	1	001	002	001
Residential	MF2_2_TO_4_Units	Water_Heat	0	-2	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	0	-1	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	0	0	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	1	-2	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	1	-1	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	1	0	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	1	1	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	2	-2	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	2	-1	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	2	0	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	2	1	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	2	2	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	3	-2	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	3	-1	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	3	0	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	3	1	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	3	2	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	3	3	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	4	-2	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	4	-1	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	4	0	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	4	1	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	4	2	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	4	3	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	4	4	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	5	-2	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	5	-1	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	5	0	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	5	1	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	5	2	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	5	3	1	001	002	002

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF2_2_TO_4_Units	Water_Heat	5	4	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	5	5	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	6	-2	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	6	-1	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	6	0	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	6	1	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	6	2	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	6	3	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	6	4	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	6	5	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	6	6	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	7	-2	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	7	-1	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	7	0	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	7	1	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	7	2	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	7	3	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	7	4	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	7	5	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	7	6	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	7	7	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	8	-2	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	8	-1	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	8	0	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	8	1	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	8	2	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	8	3	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	8	4	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	8	5	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	8	6	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	8	7	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	8	8	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	9	-2	1	001	002	002

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF2_2_TO_4_Units	Water_Heat	9	-1	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	9	0	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	9	1	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	9	2	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	9	3	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	9	4	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	9	5	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	9	6	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	9	7	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	9	8	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	9	9	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	10	-2	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	10	-1	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	10	0	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	10	1	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	10	2	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	10	3	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	10	4	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	10	5	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	10	6	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	10	7	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	10	8	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	10	9	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	10	10	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	11	-2	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	11	-1	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	11	0	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	11	1	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	11	2	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	11	3	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	11	4	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	11	5	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	11	6	1	001	002	002

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF2_2_TO_4_Units	Water_Heat	11	7	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	11	8	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	11	9	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	11	10	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	11	11	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	12	-2	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	12	-1	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	12	0	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	12	1	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	12	2	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	12	3	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	12	4	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	12	5	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	12	6	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	12	7	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	12	8	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	12	9	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	12	10	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	12	11	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	12	12	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	13	-2	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	13	-1	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	13	0	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	13	1	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	13	2	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	13	3	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	13	4	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	13	5	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	13	6	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	13	7	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	13	8	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	13	9	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	13	10	1	001	002	002

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF2_2_TO_4_Units	Water_Heat	13	11	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	13	12	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	13	13	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	14	-2	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	14	-1	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	14	0	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	14	1	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	14	2	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	14	3	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	14	4	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	14	5	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	14	6	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	14	7	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	14	8	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	14	9	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	14	10	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	14	11	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	14	12	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	14	13	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	14	14	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	15	-2	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	15	-1	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	15	0	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	15	1	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	15	2	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	15	3	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	15	4	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	15	5	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	15	6	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	15	7	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	15	8	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	15	9	1	001	002	002
Residential	MF2_2_TO_4_Units	Water_Heat	15	10	1	001	002	002

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF2_2_TO_4_Units	Water_Heat	15	11		1	001	002 002
Residential	MF2_2_TO_4_Units	Water_Heat	15	12		1	001	002 002
Residential	MF2_2_TO_4_Units	Water_Heat	15	13		1	001	002 002
Residential	MF2_2_TO_4_Units	Water_Heat	15	14		1	001	002 002
Residential	MF2_2_TO_4_Units	Water_Heat	15	15		1	001	002 002
Residential	MF2_2_TO_4_Units	Cooking	0	-2		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	0	-1		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	0	0		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	1	-2		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	1	-1		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	1	0		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	1	1		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	2	-2		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	2	-1		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	2	0		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	2	1		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	2	2		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	3	-2		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	3	-1		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	3	0		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	3	1		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	3	2		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	3	3		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	4	-2		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	4	-1		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	4	0		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	4	1		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	4	2		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	4	3		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	4	4		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	5	-2		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	5	-1		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	5	0		1	001	002 003

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF2_2_TO_4_Units	Cooking	5	1	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	5	2	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	5	3	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	5	4	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	5	5	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	6	-2	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	6	-1	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	6	0	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	6	1	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	6	2	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	6	3	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	6	4	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	6	5	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	6	6	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	7	-2	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	7	-1	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	7	0	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	7	1	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	7	2	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	7	3	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	7	4	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	7	5	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	7	6	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	7	7	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	8	-2	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	8	-1	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	8	0	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	8	1	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	8	2	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	8	3	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	8	4	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	8	5	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	8	6	1	001	002	003

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF2_2_TO_4_Units	Cooking	8	7	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	8	8	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	9	-2	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	9	-1	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	9	0	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	9	1	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	9	2	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	9	3	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	9	4	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	9	5	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	9	6	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	9	7	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	9	8	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	9	9	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	10	-2	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	10	-1	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	10	0	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	10	1	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	10	2	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	10	3	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	10	4	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	10	5	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	10	6	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	10	7	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	10	8	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	10	9	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	10	10	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	11	-2	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	11	-1	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	11	0	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	11	1	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	11	2	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	11	3	1	001	002	003

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF2_2_TO_4_Units	Cooking	11	4		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	11	5		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	11	6		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	11	7		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	11	8		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	11	9		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	11	10		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	11	11		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	12	-2		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	12	-1		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	12	0		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	12	1		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	12	2		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	12	3		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	12	4		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	12	5		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	12	6		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	12	7		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	12	8		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	12	9		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	12	10		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	12	11		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	12	12		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	13	-2		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	13	-1		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	13	0		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	13	1		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	13	2		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	13	3		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	13	4		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	13	5		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	13	6		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	13	7		1	001	002 003

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF2_2_TO_4_Units	Cooking	13	8	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	13	9	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	13	10	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	13	11	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	13	12	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	13	13	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	14	-2	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	14	-1	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	14	0	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	14	1	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	14	2	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	14	3	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	14	4	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	14	5	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	14	6	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	14	7	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	14	8	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	14	9	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	14	10	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	14	11	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	14	12	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	14	13	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	14	14	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	15	-2	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	15	-1	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	15	0	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	15	1	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	15	2	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	15	3	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	15	4	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	15	5	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	15	6	1	001	002	003
Residential	MF2_2_TO_4_Units	Cooking	15	7	1	001	002	003

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF2_2_TO_4_Units	Cooking	15	8		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	15	9		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	15	10		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	15	11		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	15	12		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	15	13		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	15	14		1	001	002 003
Residential	MF2_2_TO_4_Units	Cooking	15	15		1	001	002 003
Residential	MF2_2_TO_4_Units	Drying	0	-2	0.62296	001	002	004
Residential	MF2_2_TO_4_Units	Drying	0	-1	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	0	0	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	1	-2	0.62296	001	002	004
Residential	MF2_2_TO_4_Units	Drying	1	-1	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	1	0	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	1	1	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	2	-2	0.62296	001	002	004
Residential	MF2_2_TO_4_Units	Drying	2	-1	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	2	0	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	2	1	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	2	2	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	3	-2	0.62296	001	002	004
Residential	MF2_2_TO_4_Units	Drying	3	-1	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	3	0	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	3	1	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	3	2	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	3	3	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	4	-2	0.62296	001	002	004
Residential	MF2_2_TO_4_Units	Drying	4	-1	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	4	0	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	4	1	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	4	2	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	4	3	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	4	4	0.7607	001	002	004

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF2_2_TO_4_Units	Drying	5	-2	0.62296	001	002	004
Residential	MF2_2_TO_4_Units	Drying	5	-1	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	5	0	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	5	1	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	5	2	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	5	3	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	5	4	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	5	5	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	6	-2	0.62296	001	002	004
Residential	MF2_2_TO_4_Units	Drying	6	-1	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	6	0	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	6	1	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	6	2	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	6	3	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	6	4	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	6	5	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	6	6	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	7	-2	0.62296	001	002	004
Residential	MF2_2_TO_4_Units	Drying	7	-1	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	7	0	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	7	1	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	7	2	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	7	3	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	7	4	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	7	5	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	7	6	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	7	7	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	8	-2	0.62296	001	002	004
Residential	MF2_2_TO_4_Units	Drying	8	-1	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	8	0	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	8	1	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	8	2	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	8	3	0.7607	001	002	004

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF2_2_TO_4_Units	Drying	8	4	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	8	5	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	8	6	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	8	7	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	8	8	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	9	-2	0.62296	001	002	004
Residential	MF2_2_TO_4_Units	Drying	9	-1	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	9	0	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	9	1	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	9	2	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	9	3	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	9	4	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	9	5	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	9	6	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	9	7	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	9	8	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	9	9	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	10	-2	0.62296	001	002	004
Residential	MF2_2_TO_4_Units	Drying	10	-1	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	10	0	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	10	1	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	10	2	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	10	3	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	10	4	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	10	5	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	10	6	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	10	7	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	10	8	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	10	9	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	10	10	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	11	-2	0.62296	001	002	004
Residential	MF2_2_TO_4_Units	Drying	11	-1	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	11	0	0.7607	001	002	004

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF2_2_TO_4_Units	Drying	11	1	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	11	2	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	11	3	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	11	4	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	11	5	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	11	6	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	11	7	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	11	8	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	11	9	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	11	10	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	11	11	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	12	-2	0.62296	001	002	004
Residential	MF2_2_TO_4_Units	Drying	12	-1	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	12	0	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	12	1	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	12	2	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	12	3	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	12	4	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	12	5	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	12	6	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	12	7	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	12	8	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	12	9	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	12	10	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	12	11	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	12	12	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	13	-2	0.62296	001	002	004
Residential	MF2_2_TO_4_Units	Drying	13	-1	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	13	0	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	13	1	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	13	2	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	13	3	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	13	4	0.7607	001	002	004

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF2_2_TO_4_Units	Drying	13	5	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	13	6	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	13	7	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	13	8	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	13	9	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	13	10	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	13	11	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	13	12	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	13	13	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	14	-2	0.62296	001	002	004
Residential	MF2_2_TO_4_Units	Drying	14	-1	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	14	0	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	14	1	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	14	2	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	14	3	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	14	4	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	14	5	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	14	6	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	14	7	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	14	8	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	14	9	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	14	10	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	14	11	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	14	12	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	14	13	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	14	14	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	15	-2	0.62296	001	002	004
Residential	MF2_2_TO_4_Units	Drying	15	-1	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	15	0	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	15	1	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	15	2	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	15	3	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	15	4	0.7607	001	002	004

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF2_2_TO_4_Units	Drying	15	5	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	15	6	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	15	7	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	15	8	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	15	9	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	15	10	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	15	11	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	15	12	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	15	13	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	15	14	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Drying	15	15	0.7607	001	002	004
Residential	MF2_2_TO_4_Units	Barbecue	0	-2	0.29328	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	0	-1	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	0	0	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	1	-2	0.29328	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	1	-1	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	1	0	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	1	1	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	2	-2	0.29328	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	2	-1	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	2	0	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	2	1	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	2	2	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	3	-2	0.29328	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	3	-1	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	3	0	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	3	1	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	3	2	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	3	3	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	4	-2	0.29328	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	4	-1	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	4	0	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	4	1	0.28308	001	002	008

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF2_2_TO_4_Units	Barbecue	4	2	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	4	3	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	4	4	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	5	-2	0.29328	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	5	-1	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	5	0	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	5	1	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	5	2	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	5	3	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	5	4	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	5	5	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	6	-2	0.29328	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	6	-1	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	6	0	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	6	1	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	6	2	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	6	3	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	6	4	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	6	5	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	6	6	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	7	-2	0.29328	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	7	-1	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	7	0	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	7	1	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	7	2	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	7	3	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	7	4	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	7	5	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	7	6	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	7	7	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	8	-2	0.29328	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	8	-1	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	8	0	0.28308	001	002	008

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF2_2_TO_4_Units	Barbecue	8	1	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	8	2	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	8	3	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	8	4	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	8	5	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	8	6	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	8	7	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	8	8	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	9	-2	0.29328	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	9	-1	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	9	0	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	9	1	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	9	2	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	9	3	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	9	4	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	9	5	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	9	6	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	9	7	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	9	8	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	9	9	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	10	-2	0.29328	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	10	-1	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	10	0	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	10	1	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	10	2	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	10	3	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	10	4	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	10	5	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	10	6	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	10	7	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	10	8	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	10	9	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	10	10	0.28308	001	002	008

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF2_2_TO_4_Units	Barbecue	11	-2	0.29328	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	11	-1	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	11	0	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	11	1	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	11	2	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	11	3	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	11	4	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	11	5	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	11	6	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	11	7	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	11	8	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	11	9	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	11	10	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	11	11	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	12	-2	0.29328	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	12	-1	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	12	0	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	12	1	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	12	2	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	12	3	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	12	4	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	12	5	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	12	6	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	12	7	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	12	8	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	12	9	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	12	10	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	12	11	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	12	12	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	13	-2	0.29328	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	13	-1	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	13	0	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	13	1	0.28308	001	002	008

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF2_2_TO_4_Units	Barbecue	13	2	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	13	3	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	13	4	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	13	5	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	13	6	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	13	7	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	13	8	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	13	9	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	13	10	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	13	11	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	13	12	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	13	13	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	14	-2	0.29328	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	14	-1	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	14	0	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	14	1	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	14	2	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	14	3	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	14	4	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	14	5	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	14	6	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	14	7	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	14	8	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	14	9	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	14	10	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	14	11	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	14	12	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	14	13	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	14	14	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	15	-2	0.29328	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	15	-1	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	15	0	0.28308	001	002	008
Residential	MF2_2_TO_4_Units	Barbecue	15	1	0.28308	001	002	008

zName	bName	nName	year	vintage	saturation	z	b	n	
Residential	MF2_2_TO_4_Units	Barbecue	15	2	0.28308	001	002	008	
Residential	MF2_2_TO_4_Units	Barbecue	15	3	0.28308	001	002	008	
Residential	MF2_2_TO_4_Units	Barbecue	15	4	0.28308	001	002	008	
Residential	MF2_2_TO_4_Units	Barbecue	15	5	0.28308	001	002	008	
Residential	MF2_2_TO_4_Units	Barbecue	15	6	0.28308	001	002	008	
Residential	MF2_2_TO_4_Units	Barbecue	15	7	0.28308	001	002	008	
Residential	MF2_2_TO_4_Units	Barbecue	15	8	0.28308	001	002	008	
Residential	MF2_2_TO_4_Units	Barbecue	15	9	0.28308	001	002	008	
Residential	MF2_2_TO_4_Units	Barbecue	15	10	0.28308	001	002	008	
Residential	MF2_2_TO_4_Units	Barbecue	15	11	0.28308	001	002	008	
Residential	MF2_2_TO_4_Units	Barbecue	15	12	0.28308	001	002	008	
Residential	MF2_2_TO_4_Units	Barbecue	15	13	0.28308	001	002	008	
Residential	MF2_2_TO_4_Units	Barbecue	15	14	0.28308	001	002	008	
Residential	MF2_2_TO_4_Units	Barbecue	15	15	0.28308	001	002	008	
Residential	MF2_2_TO_4_Units	Other	0	-2		1	001	002	009
Residential	MF2_2_TO_4_Units	Other	0	-1		1	001	002	009
Residential	MF2_2_TO_4_Units	Other	0	0		1	001	002	009
Residential	MF2_2_TO_4_Units	Other	1	-2		1	001	002	009
Residential	MF2_2_TO_4_Units	Other	1	-1		1	001	002	009
Residential	MF2_2_TO_4_Units	Other	1	0		1	001	002	009
Residential	MF2_2_TO_4_Units	Other	1	1		1	001	002	009
Residential	MF2_2_TO_4_Units	Other	2	-2		1	001	002	009
Residential	MF2_2_TO_4_Units	Other	2	-1		1	001	002	009
Residential	MF2_2_TO_4_Units	Other	2	0		1	001	002	009
Residential	MF2_2_TO_4_Units	Other	2	1		1	001	002	009
Residential	MF2_2_TO_4_Units	Other	2	2		1	001	002	009
Residential	MF2_2_TO_4_Units	Other	3	-2		1	001	002	009
Residential	MF2_2_TO_4_Units	Other	3	-1		1	001	002	009
Residential	MF2_2_TO_4_Units	Other	3	0		1	001	002	009
Residential	MF2_2_TO_4_Units	Other	3	1		1	001	002	009
Residential	MF2_2_TO_4_Units	Other	3	2		1	001	002	009
Residential	MF2_2_TO_4_Units	Other	3	3		1	001	002	009
Residential	MF2_2_TO_4_Units	Other	4	-2		1	001	002	009

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF2_2_TO_4_Units	Other	4	-1		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	4	0		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	4	1		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	4	2		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	4	3		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	4	4		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	5	-2		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	5	-1		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	5	0		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	5	1		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	5	2		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	5	3		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	5	4		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	5	5		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	6	-2		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	6	-1		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	6	0		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	6	1		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	6	2		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	6	3		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	6	4		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	6	5		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	6	6		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	7	-2		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	7	-1		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	7	0		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	7	1		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	7	2		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	7	3		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	7	4		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	7	5		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	7	6		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	7	7		1	001	002 009

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF2_2_TO_4_Units	Other	8	-2		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	8	-1		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	8	0		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	8	1		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	8	2		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	8	3		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	8	4		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	8	5		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	8	6		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	8	7		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	8	8		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	9	-2		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	9	-1		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	9	0		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	9	1		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	9	2		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	9	3		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	9	4		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	9	5		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	9	6		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	9	7		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	9	8		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	9	9		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	10	-2		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	10	-1		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	10	0		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	10	1		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	10	2		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	10	3		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	10	4		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	10	5		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	10	6		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	10	7		1	001	002 009

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF2_2_TO_4_Units	Other	10	8		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	10	9		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	10	10		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	11	-2		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	11	-1		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	11	0		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	11	1		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	11	2		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	11	3		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	11	4		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	11	5		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	11	6		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	11	7		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	11	8		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	11	9		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	11	10		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	11	11		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	12	-2		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	12	-1		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	12	0		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	12	1		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	12	2		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	12	3		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	12	4		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	12	5		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	12	6		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	12	7		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	12	8		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	12	9		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	12	10		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	12	11		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	12	12		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	13	-2		1	001	002 009

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF2_2_TO_4_Units	Other	13	-1	1	001	002	009
Residential	MF2_2_TO_4_Units	Other	13	0	1	001	002	009
Residential	MF2_2_TO_4_Units	Other	13	1	1	001	002	009
Residential	MF2_2_TO_4_Units	Other	13	2	1	001	002	009
Residential	MF2_2_TO_4_Units	Other	13	3	1	001	002	009
Residential	MF2_2_TO_4_Units	Other	13	4	1	001	002	009
Residential	MF2_2_TO_4_Units	Other	13	5	1	001	002	009
Residential	MF2_2_TO_4_Units	Other	13	6	1	001	002	009
Residential	MF2_2_TO_4_Units	Other	13	7	1	001	002	009
Residential	MF2_2_TO_4_Units	Other	13	8	1	001	002	009
Residential	MF2_2_TO_4_Units	Other	13	9	1	001	002	009
Residential	MF2_2_TO_4_Units	Other	13	10	1	001	002	009
Residential	MF2_2_TO_4_Units	Other	13	11	1	001	002	009
Residential	MF2_2_TO_4_Units	Other	13	12	1	001	002	009
Residential	MF2_2_TO_4_Units	Other	13	13	1	001	002	009
Residential	MF2_2_TO_4_Units	Other	14	-2	1	001	002	009
Residential	MF2_2_TO_4_Units	Other	14	-1	1	001	002	009
Residential	MF2_2_TO_4_Units	Other	14	0	1	001	002	009
Residential	MF2_2_TO_4_Units	Other	14	1	1	001	002	009
Residential	MF2_2_TO_4_Units	Other	14	2	1	001	002	009
Residential	MF2_2_TO_4_Units	Other	14	3	1	001	002	009
Residential	MF2_2_TO_4_Units	Other	14	4	1	001	002	009
Residential	MF2_2_TO_4_Units	Other	14	5	1	001	002	009
Residential	MF2_2_TO_4_Units	Other	14	6	1	001	002	009
Residential	MF2_2_TO_4_Units	Other	14	7	1	001	002	009
Residential	MF2_2_TO_4_Units	Other	14	8	1	001	002	009
Residential	MF2_2_TO_4_Units	Other	14	9	1	001	002	009
Residential	MF2_2_TO_4_Units	Other	14	10	1	001	002	009
Residential	MF2_2_TO_4_Units	Other	14	11	1	001	002	009
Residential	MF2_2_TO_4_Units	Other	14	12	1	001	002	009
Residential	MF2_2_TO_4_Units	Other	14	13	1	001	002	009
Residential	MF2_2_TO_4_Units	Other	14	14	1	001	002	009
Residential	MF2_2_TO_4_Units	Other	15	-2	1	001	002	009

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF2_2_TO_4_Units	Other	15	-1		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	15	0		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	15	1		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	15	2		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	15	3		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	15	4		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	15	5		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	15	6		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	15	7		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	15	8		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	15	9		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	15	10		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	15	11		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	15	12		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	15	13		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	15	14		1	001	002 009
Residential	MF2_2_TO_4_Units	Other	15	15		1	001	002 009
Residential	MF3_GE_5_Units	Space_Heat	0	-2		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	0	-1		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	0	0		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	1	-2		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	1	-1		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	1	0		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	1	1		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	2	-2		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	2	-1		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	2	0		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	2	1		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	2	2		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	3	-2		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	3	-1		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	3	0		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	3	1		1	001	003 001

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF3_GE_5_Units	Space_Heat	3	2	1	001	003	001
Residential	MF3_GE_5_Units	Space_Heat	3	3	1	001	003	001
Residential	MF3_GE_5_Units	Space_Heat	4	-2	1	001	003	001
Residential	MF3_GE_5_Units	Space_Heat	4	-1	1	001	003	001
Residential	MF3_GE_5_Units	Space_Heat	4	0	1	001	003	001
Residential	MF3_GE_5_Units	Space_Heat	4	1	1	001	003	001
Residential	MF3_GE_5_Units	Space_Heat	4	2	1	001	003	001
Residential	MF3_GE_5_Units	Space_Heat	4	3	1	001	003	001
Residential	MF3_GE_5_Units	Space_Heat	4	4	1	001	003	001
Residential	MF3_GE_5_Units	Space_Heat	5	-2	1	001	003	001
Residential	MF3_GE_5_Units	Space_Heat	5	-1	1	001	003	001
Residential	MF3_GE_5_Units	Space_Heat	5	0	1	001	003	001
Residential	MF3_GE_5_Units	Space_Heat	5	1	1	001	003	001
Residential	MF3_GE_5_Units	Space_Heat	5	2	1	001	003	001
Residential	MF3_GE_5_Units	Space_Heat	5	3	1	001	003	001
Residential	MF3_GE_5_Units	Space_Heat	5	4	1	001	003	001
Residential	MF3_GE_5_Units	Space_Heat	5	5	1	001	003	001
Residential	MF3_GE_5_Units	Space_Heat	6	-2	1	001	003	001
Residential	MF3_GE_5_Units	Space_Heat	6	-1	1	001	003	001
Residential	MF3_GE_5_Units	Space_Heat	6	0	1	001	003	001
Residential	MF3_GE_5_Units	Space_Heat	6	1	1	001	003	001
Residential	MF3_GE_5_Units	Space_Heat	6	2	1	001	003	001
Residential	MF3_GE_5_Units	Space_Heat	6	3	1	001	003	001
Residential	MF3_GE_5_Units	Space_Heat	6	4	1	001	003	001
Residential	MF3_GE_5_Units	Space_Heat	6	5	1	001	003	001
Residential	MF3_GE_5_Units	Space_Heat	6	6	1	001	003	001
Residential	MF3_GE_5_Units	Space_Heat	7	-2	1	001	003	001
Residential	MF3_GE_5_Units	Space_Heat	7	-1	1	001	003	001
Residential	MF3_GE_5_Units	Space_Heat	7	0	1	001	003	001
Residential	MF3_GE_5_Units	Space_Heat	7	1	1	001	003	001
Residential	MF3_GE_5_Units	Space_Heat	7	2	1	001	003	001
Residential	MF3_GE_5_Units	Space_Heat	7	3	1	001	003	001
Residential	MF3_GE_5_Units	Space_Heat	7	4	1	001	003	001

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF3_GE_5_Units	Space_Heat	7	5		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	7	6		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	7	7		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	8	-2		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	8	-1		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	8	0		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	8	1		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	8	2		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	8	3		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	8	4		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	8	5		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	8	6		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	8	7		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	8	8		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	9	-2		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	9	-1		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	9	0		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	9	1		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	9	2		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	9	3		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	9	4		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	9	5		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	9	6		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	9	7		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	9	8		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	9	9		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	10	-2		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	10	-1		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	10	0		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	10	1		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	10	2		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	10	3		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	10	4		1	001	003 001

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF3_GE_5_Units	Space_Heat	10	5		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	10	6		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	10	7		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	10	8		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	10	9		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	10	10		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	11	-2		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	11	-1		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	11	0		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	11	1		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	11	2		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	11	3		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	11	4		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	11	5		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	11	6		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	11	7		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	11	8		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	11	9		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	11	10		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	11	11		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	12	-2		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	12	-1		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	12	0		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	12	1		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	12	2		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	12	3		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	12	4		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	12	5		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	12	6		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	12	7		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	12	8		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	12	9		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	12	10		1	001	003 001

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF3_GE_5_Units	Space_Heat	12	11		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	12	12		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	13	-2		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	13	-1		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	13	0		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	13	1		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	13	2		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	13	3		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	13	4		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	13	5		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	13	6		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	13	7		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	13	8		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	13	9		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	13	10		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	13	11		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	13	12		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	13	13		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	14	-2		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	14	-1		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	14	0		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	14	1		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	14	2		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	14	3		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	14	4		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	14	5		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	14	6		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	14	7		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	14	8		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	14	9		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	14	10		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	14	11		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	14	12		1	001	003 001

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF3_GE_5_Units	Space_Heat	14	13		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	14	14		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	15	-2		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	15	-1		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	15	0		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	15	1		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	15	2		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	15	3		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	15	4		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	15	5		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	15	6		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	15	7		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	15	8		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	15	9		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	15	10		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	15	11		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	15	12		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	15	13		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	15	14		1	001	003 001
Residential	MF3_GE_5_Units	Space_Heat	15	15		1	001	003 001
Residential	MF3_GE_5_Units	Water_Heat	0	-2		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	0	-1		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	0	0		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	1	-2		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	1	-1		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	1	0		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	1	1		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	2	-2		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	2	-1		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	2	0		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	2	1		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	2	2		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	3	-2		1	001	003 002

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF3_GE_5_Units	Water_Heat	3	-1		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	3	0		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	3	1		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	3	2		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	3	3		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	4	-2		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	4	-1		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	4	0		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	4	1		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	4	2		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	4	3		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	4	4		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	5	-2		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	5	-1		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	5	0		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	5	1		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	5	2		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	5	3		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	5	4		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	5	5		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	6	-2		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	6	-1		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	6	0		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	6	1		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	6	2		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	6	3		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	6	4		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	6	5		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	6	6		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	7	-2		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	7	-1		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	7	0		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	7	1		1	001	003 002

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF3_GE_5_Units	Water_Heat	7	2		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	7	3		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	7	4		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	7	5		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	7	6		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	7	7		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	8	-2		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	8	-1		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	8	0		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	8	1		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	8	2		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	8	3		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	8	4		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	8	5		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	8	6		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	8	7		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	8	8		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	9	-2		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	9	-1		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	9	0		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	9	1		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	9	2		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	9	3		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	9	4		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	9	5		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	9	6		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	9	7		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	9	8		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	9	9		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	10	-2		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	10	-1		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	10	0		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	10	1		1	001	003 002

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF3_GE_5_Units	Water_Heat	10	2		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	10	3		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	10	4		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	10	5		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	10	6		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	10	7		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	10	8		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	10	9		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	10	10		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	11	-2		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	11	-1		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	11	0		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	11	1		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	11	2		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	11	3		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	11	4		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	11	5		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	11	6		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	11	7		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	11	8		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	11	9		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	11	10		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	11	11		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	12	-2		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	12	-1		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	12	0		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	12	1		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	12	2		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	12	3		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	12	4		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	12	5		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	12	6		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	12	7		1	001	003 002

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF3_GE_5_Units	Water_Heat	12	8	1	001	003	002
Residential	MF3_GE_5_Units	Water_Heat	12	9	1	001	003	002
Residential	MF3_GE_5_Units	Water_Heat	12	10	1	001	003	002
Residential	MF3_GE_5_Units	Water_Heat	12	11	1	001	003	002
Residential	MF3_GE_5_Units	Water_Heat	12	12	1	001	003	002
Residential	MF3_GE_5_Units	Water_Heat	13	-2	1	001	003	002
Residential	MF3_GE_5_Units	Water_Heat	13	-1	1	001	003	002
Residential	MF3_GE_5_Units	Water_Heat	13	0	1	001	003	002
Residential	MF3_GE_5_Units	Water_Heat	13	1	1	001	003	002
Residential	MF3_GE_5_Units	Water_Heat	13	2	1	001	003	002
Residential	MF3_GE_5_Units	Water_Heat	13	3	1	001	003	002
Residential	MF3_GE_5_Units	Water_Heat	13	4	1	001	003	002
Residential	MF3_GE_5_Units	Water_Heat	13	5	1	001	003	002
Residential	MF3_GE_5_Units	Water_Heat	13	6	1	001	003	002
Residential	MF3_GE_5_Units	Water_Heat	13	7	1	001	003	002
Residential	MF3_GE_5_Units	Water_Heat	13	8	1	001	003	002
Residential	MF3_GE_5_Units	Water_Heat	13	9	1	001	003	002
Residential	MF3_GE_5_Units	Water_Heat	13	10	1	001	003	002
Residential	MF3_GE_5_Units	Water_Heat	13	11	1	001	003	002
Residential	MF3_GE_5_Units	Water_Heat	13	12	1	001	003	002
Residential	MF3_GE_5_Units	Water_Heat	13	13	1	001	003	002
Residential	MF3_GE_5_Units	Water_Heat	14	-2	1	001	003	002
Residential	MF3_GE_5_Units	Water_Heat	14	-1	1	001	003	002
Residential	MF3_GE_5_Units	Water_Heat	14	0	1	001	003	002
Residential	MF3_GE_5_Units	Water_Heat	14	1	1	001	003	002
Residential	MF3_GE_5_Units	Water_Heat	14	2	1	001	003	002
Residential	MF3_GE_5_Units	Water_Heat	14	3	1	001	003	002
Residential	MF3_GE_5_Units	Water_Heat	14	4	1	001	003	002
Residential	MF3_GE_5_Units	Water_Heat	14	5	1	001	003	002
Residential	MF3_GE_5_Units	Water_Heat	14	6	1	001	003	002
Residential	MF3_GE_5_Units	Water_Heat	14	7	1	001	003	002
Residential	MF3_GE_5_Units	Water_Heat	14	8	1	001	003	002
Residential	MF3_GE_5_Units	Water_Heat	14	9	1	001	003	002

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF3_GE_5_Units	Water_Heat	14	10		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	14	11		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	14	12		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	14	13		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	14	14		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	15	-2		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	15	-1		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	15	0		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	15	1		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	15	2		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	15	3		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	15	4		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	15	5		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	15	6		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	15	7		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	15	8		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	15	9		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	15	10		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	15	11		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	15	12		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	15	13		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	15	14		1	001	003 002
Residential	MF3_GE_5_Units	Water_Heat	15	15		1	001	003 002
Residential	MF3_GE_5_Units	Cooking	0	-2	0.99633	001	003	003
Residential	MF3_GE_5_Units	Cooking	0	-1		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	0	0		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	1	-2	0.99633	001	003	003
Residential	MF3_GE_5_Units	Cooking	1	-1		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	1	0		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	1	1		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	2	-2	0.99633	001	003	003
Residential	MF3_GE_5_Units	Cooking	2	-1		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	2	0		1	001	003 003

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF3_GE_5_Units	Cooking	2	1		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	2	2		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	3	-2	0.99633	001	003	003
Residential	MF3_GE_5_Units	Cooking	3	-1		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	3	0		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	3	1		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	3	2		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	3	3		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	4	-2	0.99633	001	003	003
Residential	MF3_GE_5_Units	Cooking	4	-1		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	4	0		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	4	1		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	4	2		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	4	3		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	4	4		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	5	-2	0.99633	001	003	003
Residential	MF3_GE_5_Units	Cooking	5	-1		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	5	0		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	5	1		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	5	2		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	5	3		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	5	4		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	5	5		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	6	-2	0.99633	001	003	003
Residential	MF3_GE_5_Units	Cooking	6	-1		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	6	0		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	6	1		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	6	2		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	6	3		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	6	4		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	6	5		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	6	6		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	7	-2	0.99633	001	003	003

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF3_GE_5_Units	Cooking	7	-1		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	7	0		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	7	1		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	7	2		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	7	3		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	7	4		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	7	5		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	7	6		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	7	7		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	8	-2	0.99633	001	003	003
Residential	MF3_GE_5_Units	Cooking	8	-1		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	8	0		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	8	1		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	8	2		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	8	3		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	8	4		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	8	5		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	8	6		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	8	7		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	8	8		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	9	-2	0.99633	001	003	003
Residential	MF3_GE_5_Units	Cooking	9	-1		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	9	0		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	9	1		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	9	2		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	9	3		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	9	4		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	9	5		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	9	6		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	9	7		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	9	8		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	9	9		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	10	-2	0.99633	001	003	003

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF3_GE_5_Units	Cooking	10	-1		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	10	0		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	10	1		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	10	2		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	10	3		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	10	4		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	10	5		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	10	6		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	10	7		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	10	8		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	10	9		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	10	10		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	11	-2	0.99633	001	003	003
Residential	MF3_GE_5_Units	Cooking	11	-1		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	11	0		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	11	1		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	11	2		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	11	3		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	11	4		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	11	5		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	11	6		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	11	7		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	11	8		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	11	9		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	11	10		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	11	11		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	12	-2	0.99633	001	003	003
Residential	MF3_GE_5_Units	Cooking	12	-1		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	12	0		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	12	1		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	12	2		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	12	3		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	12	4		1	001	003 003

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF3_GE_5_Units	Cooking	12	5		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	12	6		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	12	7		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	12	8		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	12	9		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	12	10		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	12	11		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	12	12		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	13	-2	0.99633	1	001	003 003
Residential	MF3_GE_5_Units	Cooking	13	-1		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	13	0		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	13	1		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	13	2		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	13	3		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	13	4		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	13	5		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	13	6		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	13	7		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	13	8		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	13	9		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	13	10		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	13	11		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	13	12		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	13	13		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	14	-2	0.99633	1	001	003 003
Residential	MF3_GE_5_Units	Cooking	14	-1		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	14	0		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	14	1		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	14	2		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	14	3		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	14	4		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	14	5		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	14	6		1	001	003 003

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF3_GE_5_Units	Cooking	14	7		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	14	8		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	14	9		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	14	10		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	14	11		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	14	12		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	14	13		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	14	14		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	15	-2	0.99633	1	001	003 003
Residential	MF3_GE_5_Units	Cooking	15	-1		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	15	0		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	15	1		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	15	2		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	15	3		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	15	4		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	15	5		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	15	6		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	15	7		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	15	8		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	15	9		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	15	10		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	15	11		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	15	12		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	15	13		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	15	14		1	001	003 003
Residential	MF3_GE_5_Units	Cooking	15	15		1	001	003 003
Residential	MF3_GE_5_Units	Drying	0	-2	0.37872	1	001	003 004
Residential	MF3_GE_5_Units	Drying	0	-1	0.60902	1	001	003 004
Residential	MF3_GE_5_Units	Drying	0	0	0.60902	1	001	003 004
Residential	MF3_GE_5_Units	Drying	1	-2	0.37872	1	001	003 004
Residential	MF3_GE_5_Units	Drying	1	-1	0.60902	1	001	003 004
Residential	MF3_GE_5_Units	Drying	1	0	0.60902	1	001	003 004
Residential	MF3_GE_5_Units	Drying	1	1	0.60902	1	001	003 004

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF3_GE_5_Units	Drying	2	-2	0.37872	001	003	004
Residential	MF3_GE_5_Units	Drying	2	-1	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	2	0	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	2	1	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	2	2	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	3	-2	0.37872	001	003	004
Residential	MF3_GE_5_Units	Drying	3	-1	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	3	0	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	3	1	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	3	2	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	3	3	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	4	-2	0.37872	001	003	004
Residential	MF3_GE_5_Units	Drying	4	-1	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	4	0	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	4	1	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	4	2	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	4	3	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	4	4	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	5	-2	0.37872	001	003	004
Residential	MF3_GE_5_Units	Drying	5	-1	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	5	0	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	5	1	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	5	2	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	5	3	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	5	4	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	5	5	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	6	-2	0.37872	001	003	004
Residential	MF3_GE_5_Units	Drying	6	-1	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	6	0	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	6	1	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	6	2	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	6	3	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	6	4	0.60902	001	003	004

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF3_GE_5_Units	Drying	6	5	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	6	6	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	7	-2	0.37872	001	003	004
Residential	MF3_GE_5_Units	Drying	7	-1	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	7	0	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	7	1	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	7	2	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	7	3	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	7	4	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	7	5	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	7	6	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	7	7	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	8	-2	0.37872	001	003	004
Residential	MF3_GE_5_Units	Drying	8	-1	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	8	0	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	8	1	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	8	2	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	8	3	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	8	4	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	8	5	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	8	6	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	8	7	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	8	8	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	9	-2	0.37872	001	003	004
Residential	MF3_GE_5_Units	Drying	9	-1	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	9	0	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	9	1	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	9	2	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	9	3	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	9	4	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	9	5	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	9	6	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	9	7	0.60902	001	003	004

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF3_GE_5_Units	Drying	9	8	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	9	9	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	10	-2	0.37872	001	003	004
Residential	MF3_GE_5_Units	Drying	10	-1	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	10	0	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	10	1	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	10	2	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	10	3	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	10	4	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	10	5	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	10	6	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	10	7	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	10	8	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	10	9	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	10	10	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	11	-2	0.37872	001	003	004
Residential	MF3_GE_5_Units	Drying	11	-1	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	11	0	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	11	1	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	11	2	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	11	3	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	11	4	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	11	5	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	11	6	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	11	7	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	11	8	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	11	9	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	11	10	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	11	11	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	12	-2	0.37872	001	003	004
Residential	MF3_GE_5_Units	Drying	12	-1	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	12	0	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	12	1	0.60902	001	003	004

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF3_GE_5_Units	Drying	12	2	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	12	3	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	12	4	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	12	5	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	12	6	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	12	7	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	12	8	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	12	9	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	12	10	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	12	11	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	12	12	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	13	-2	0.37872	001	003	004
Residential	MF3_GE_5_Units	Drying	13	-1	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	13	0	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	13	1	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	13	2	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	13	3	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	13	4	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	13	5	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	13	6	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	13	7	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	13	8	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	13	9	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	13	10	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	13	11	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	13	12	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	13	13	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	14	-2	0.37872	001	003	004
Residential	MF3_GE_5_Units	Drying	14	-1	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	14	0	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	14	1	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	14	2	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	14	3	0.60902	001	003	004

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF3_GE_5_Units	Drying	14	4	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	14	5	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	14	6	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	14	7	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	14	8	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	14	9	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	14	10	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	14	11	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	14	12	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	14	13	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	14	14	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	15	-2	0.37872	001	003	004
Residential	MF3_GE_5_Units	Drying	15	-1	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	15	0	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	15	1	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	15	2	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	15	3	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	15	4	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	15	5	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	15	6	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	15	7	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	15	8	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	15	9	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	15	10	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	15	11	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	15	12	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	15	13	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	15	14	0.60902	001	003	004
Residential	MF3_GE_5_Units	Drying	15	15	0.60902	001	003	004
Residential	MF3_GE_5_Units	Barbecue	0	-2	0.18327	001	003	008
Residential	MF3_GE_5_Units	Barbecue	0	-1	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	0	0	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	1	-2	0.18327	001	003	008

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF3_GE_5_Units	Barbecue	1	-1	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	1	0	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	1	1	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	2	-2	0.18327	001	003	008
Residential	MF3_GE_5_Units	Barbecue	2	-1	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	2	0	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	2	1	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	2	2	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	3	-2	0.18327	001	003	008
Residential	MF3_GE_5_Units	Barbecue	3	-1	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	3	0	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	3	1	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	3	2	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	3	3	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	4	-2	0.18327	001	003	008
Residential	MF3_GE_5_Units	Barbecue	4	-1	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	4	0	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	4	1	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	4	2	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	4	3	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	4	4	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	5	-2	0.18327	001	003	008
Residential	MF3_GE_5_Units	Barbecue	5	-1	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	5	0	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	5	1	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	5	2	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	5	3	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	5	4	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	5	5	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	6	-2	0.18327	001	003	008
Residential	MF3_GE_5_Units	Barbecue	6	-1	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	6	0	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	6	1	0.16189	001	003	008

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF3_GE_5_Units	Barbecue	6	2	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	6	3	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	6	4	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	6	5	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	6	6	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	7	-2	0.18327	001	003	008
Residential	MF3_GE_5_Units	Barbecue	7	-1	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	7	0	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	7	1	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	7	2	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	7	3	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	7	4	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	7	5	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	7	6	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	7	7	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	8	-2	0.18327	001	003	008
Residential	MF3_GE_5_Units	Barbecue	8	-1	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	8	0	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	8	1	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	8	2	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	8	3	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	8	4	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	8	5	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	8	6	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	8	7	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	8	8	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	9	-2	0.18327	001	003	008
Residential	MF3_GE_5_Units	Barbecue	9	-1	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	9	0	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	9	1	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	9	2	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	9	3	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	9	4	0.16189	001	003	008

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF3_GE_5_Units	Barbecue	9	5	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	9	6	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	9	7	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	9	8	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	9	9	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	10	-2	0.18327	001	003	008
Residential	MF3_GE_5_Units	Barbecue	10	-1	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	10	0	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	10	1	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	10	2	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	10	3	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	10	4	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	10	5	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	10	6	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	10	7	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	10	8	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	10	9	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	10	10	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	11	-2	0.18327	001	003	008
Residential	MF3_GE_5_Units	Barbecue	11	-1	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	11	0	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	11	1	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	11	2	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	11	3	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	11	4	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	11	5	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	11	6	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	11	7	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	11	8	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	11	9	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	11	10	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	11	11	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	12	-2	0.18327	001	003	008

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF3_GE_5_Units	Barbecue	12	-1	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	12	0	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	12	1	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	12	2	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	12	3	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	12	4	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	12	5	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	12	6	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	12	7	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	12	8	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	12	9	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	12	10	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	12	11	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	12	12	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	13	-2	0.18327	001	003	008
Residential	MF3_GE_5_Units	Barbecue	13	-1	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	13	0	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	13	1	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	13	2	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	13	3	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	13	4	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	13	5	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	13	6	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	13	7	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	13	8	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	13	9	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	13	10	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	13	11	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	13	12	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	13	13	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	14	-2	0.18327	001	003	008
Residential	MF3_GE_5_Units	Barbecue	14	-1	0.16189	001	003	008
Residential	MF3_GE_5_Units	Barbecue	14	0	0.16189	001	003	008

zName	bName	nName	year	vintage	saturation	z	b	n	
Residential	MF3_GE_5_Units	Barbecue	14	1	0.16189	001	003	008	
Residential	MF3_GE_5_Units	Barbecue	14	2	0.16189	001	003	008	
Residential	MF3_GE_5_Units	Barbecue	14	3	0.16189	001	003	008	
Residential	MF3_GE_5_Units	Barbecue	14	4	0.16189	001	003	008	
Residential	MF3_GE_5_Units	Barbecue	14	5	0.16189	001	003	008	
Residential	MF3_GE_5_Units	Barbecue	14	6	0.16189	001	003	008	
Residential	MF3_GE_5_Units	Barbecue	14	7	0.16189	001	003	008	
Residential	MF3_GE_5_Units	Barbecue	14	8	0.16189	001	003	008	
Residential	MF3_GE_5_Units	Barbecue	14	9	0.16189	001	003	008	
Residential	MF3_GE_5_Units	Barbecue	14	10	0.16189	001	003	008	
Residential	MF3_GE_5_Units	Barbecue	14	11	0.16189	001	003	008	
Residential	MF3_GE_5_Units	Barbecue	14	12	0.16189	001	003	008	
Residential	MF3_GE_5_Units	Barbecue	14	13	0.16189	001	003	008	
Residential	MF3_GE_5_Units	Barbecue	14	14	0.16189	001	003	008	
Residential	MF3_GE_5_Units	Barbecue	15	-2	0.18327	001	003	008	
Residential	MF3_GE_5_Units	Barbecue	15	-1	0.16189	001	003	008	
Residential	MF3_GE_5_Units	Barbecue	15	0	0.16189	001	003	008	
Residential	MF3_GE_5_Units	Barbecue	15	1	0.16189	001	003	008	
Residential	MF3_GE_5_Units	Barbecue	15	2	0.16189	001	003	008	
Residential	MF3_GE_5_Units	Barbecue	15	3	0.16189	001	003	008	
Residential	MF3_GE_5_Units	Barbecue	15	4	0.16189	001	003	008	
Residential	MF3_GE_5_Units	Barbecue	15	5	0.16189	001	003	008	
Residential	MF3_GE_5_Units	Barbecue	15	6	0.16189	001	003	008	
Residential	MF3_GE_5_Units	Barbecue	15	7	0.16189	001	003	008	
Residential	MF3_GE_5_Units	Barbecue	15	8	0.16189	001	003	008	
Residential	MF3_GE_5_Units	Barbecue	15	9	0.16189	001	003	008	
Residential	MF3_GE_5_Units	Barbecue	15	10	0.16189	001	003	008	
Residential	MF3_GE_5_Units	Barbecue	15	11	0.16189	001	003	008	
Residential	MF3_GE_5_Units	Barbecue	15	12	0.16189	001	003	008	
Residential	MF3_GE_5_Units	Barbecue	15	13	0.16189	001	003	008	
Residential	MF3_GE_5_Units	Barbecue	15	14	0.16189	001	003	008	
Residential	MF3_GE_5_Units	Barbecue	15	15	0.16189	001	003	008	
Residential	MF3_GE_5_Units	Other	0	-2		1	001	003	009

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF3_GE_5_Units	Other	0	-1		1	001	003 009
Residential	MF3_GE_5_Units	Other	0	0		1	001	003 009
Residential	MF3_GE_5_Units	Other	1	-2		1	001	003 009
Residential	MF3_GE_5_Units	Other	1	-1		1	001	003 009
Residential	MF3_GE_5_Units	Other	1	0		1	001	003 009
Residential	MF3_GE_5_Units	Other	1	1		1	001	003 009
Residential	MF3_GE_5_Units	Other	2	-2		1	001	003 009
Residential	MF3_GE_5_Units	Other	2	-1		1	001	003 009
Residential	MF3_GE_5_Units	Other	2	0		1	001	003 009
Residential	MF3_GE_5_Units	Other	2	1		1	001	003 009
Residential	MF3_GE_5_Units	Other	2	2		1	001	003 009
Residential	MF3_GE_5_Units	Other	3	-2		1	001	003 009
Residential	MF3_GE_5_Units	Other	3	-1		1	001	003 009
Residential	MF3_GE_5_Units	Other	3	0		1	001	003 009
Residential	MF3_GE_5_Units	Other	3	1		1	001	003 009
Residential	MF3_GE_5_Units	Other	3	2		1	001	003 009
Residential	MF3_GE_5_Units	Other	3	3		1	001	003 009
Residential	MF3_GE_5_Units	Other	4	-2		1	001	003 009
Residential	MF3_GE_5_Units	Other	4	-1		1	001	003 009
Residential	MF3_GE_5_Units	Other	4	0		1	001	003 009
Residential	MF3_GE_5_Units	Other	4	1		1	001	003 009
Residential	MF3_GE_5_Units	Other	4	2		1	001	003 009
Residential	MF3_GE_5_Units	Other	4	3		1	001	003 009
Residential	MF3_GE_5_Units	Other	4	4		1	001	003 009
Residential	MF3_GE_5_Units	Other	5	-2		1	001	003 009
Residential	MF3_GE_5_Units	Other	5	-1		1	001	003 009
Residential	MF3_GE_5_Units	Other	5	0		1	001	003 009
Residential	MF3_GE_5_Units	Other	5	1		1	001	003 009
Residential	MF3_GE_5_Units	Other	5	2		1	001	003 009
Residential	MF3_GE_5_Units	Other	5	3		1	001	003 009
Residential	MF3_GE_5_Units	Other	5	4		1	001	003 009
Residential	MF3_GE_5_Units	Other	5	5		1	001	003 009
Residential	MF3_GE_5_Units	Other	6	-2		1	001	003 009

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF3_GE_5_Units	Other	6	-1		1	001	003 009
Residential	MF3_GE_5_Units	Other	6	0		1	001	003 009
Residential	MF3_GE_5_Units	Other	6	1		1	001	003 009
Residential	MF3_GE_5_Units	Other	6	2		1	001	003 009
Residential	MF3_GE_5_Units	Other	6	3		1	001	003 009
Residential	MF3_GE_5_Units	Other	6	4		1	001	003 009
Residential	MF3_GE_5_Units	Other	6	5		1	001	003 009
Residential	MF3_GE_5_Units	Other	6	6		1	001	003 009
Residential	MF3_GE_5_Units	Other	7	-2		1	001	003 009
Residential	MF3_GE_5_Units	Other	7	-1		1	001	003 009
Residential	MF3_GE_5_Units	Other	7	0		1	001	003 009
Residential	MF3_GE_5_Units	Other	7	1		1	001	003 009
Residential	MF3_GE_5_Units	Other	7	2		1	001	003 009
Residential	MF3_GE_5_Units	Other	7	3		1	001	003 009
Residential	MF3_GE_5_Units	Other	7	4		1	001	003 009
Residential	MF3_GE_5_Units	Other	7	5		1	001	003 009
Residential	MF3_GE_5_Units	Other	7	6		1	001	003 009
Residential	MF3_GE_5_Units	Other	7	7		1	001	003 009
Residential	MF3_GE_5_Units	Other	8	-2		1	001	003 009
Residential	MF3_GE_5_Units	Other	8	-1		1	001	003 009
Residential	MF3_GE_5_Units	Other	8	0		1	001	003 009
Residential	MF3_GE_5_Units	Other	8	1		1	001	003 009
Residential	MF3_GE_5_Units	Other	8	2		1	001	003 009
Residential	MF3_GE_5_Units	Other	8	3		1	001	003 009
Residential	MF3_GE_5_Units	Other	8	4		1	001	003 009
Residential	MF3_GE_5_Units	Other	8	5		1	001	003 009
Residential	MF3_GE_5_Units	Other	8	6		1	001	003 009
Residential	MF3_GE_5_Units	Other	8	7		1	001	003 009
Residential	MF3_GE_5_Units	Other	8	8		1	001	003 009
Residential	MF3_GE_5_Units	Other	9	-2		1	001	003 009
Residential	MF3_GE_5_Units	Other	9	-1		1	001	003 009
Residential	MF3_GE_5_Units	Other	9	0		1	001	003 009
Residential	MF3_GE_5_Units	Other	9	1		1	001	003 009

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF3_GE_5_Units	Other	9	2		1	001	003 009
Residential	MF3_GE_5_Units	Other	9	3		1	001	003 009
Residential	MF3_GE_5_Units	Other	9	4		1	001	003 009
Residential	MF3_GE_5_Units	Other	9	5		1	001	003 009
Residential	MF3_GE_5_Units	Other	9	6		1	001	003 009
Residential	MF3_GE_5_Units	Other	9	7		1	001	003 009
Residential	MF3_GE_5_Units	Other	9	8		1	001	003 009
Residential	MF3_GE_5_Units	Other	9	9		1	001	003 009
Residential	MF3_GE_5_Units	Other	10	-2		1	001	003 009
Residential	MF3_GE_5_Units	Other	10	-1		1	001	003 009
Residential	MF3_GE_5_Units	Other	10	0		1	001	003 009
Residential	MF3_GE_5_Units	Other	10	1		1	001	003 009
Residential	MF3_GE_5_Units	Other	10	2		1	001	003 009
Residential	MF3_GE_5_Units	Other	10	3		1	001	003 009
Residential	MF3_GE_5_Units	Other	10	4		1	001	003 009
Residential	MF3_GE_5_Units	Other	10	5		1	001	003 009
Residential	MF3_GE_5_Units	Other	10	6		1	001	003 009
Residential	MF3_GE_5_Units	Other	10	7		1	001	003 009
Residential	MF3_GE_5_Units	Other	10	8		1	001	003 009
Residential	MF3_GE_5_Units	Other	10	9		1	001	003 009
Residential	MF3_GE_5_Units	Other	10	10		1	001	003 009
Residential	MF3_GE_5_Units	Other	11	-2		1	001	003 009
Residential	MF3_GE_5_Units	Other	11	-1		1	001	003 009
Residential	MF3_GE_5_Units	Other	11	0		1	001	003 009
Residential	MF3_GE_5_Units	Other	11	1		1	001	003 009
Residential	MF3_GE_5_Units	Other	11	2		1	001	003 009
Residential	MF3_GE_5_Units	Other	11	3		1	001	003 009
Residential	MF3_GE_5_Units	Other	11	4		1	001	003 009
Residential	MF3_GE_5_Units	Other	11	5		1	001	003 009
Residential	MF3_GE_5_Units	Other	11	6		1	001	003 009
Residential	MF3_GE_5_Units	Other	11	7		1	001	003 009
Residential	MF3_GE_5_Units	Other	11	8		1	001	003 009
Residential	MF3_GE_5_Units	Other	11	9		1	001	003 009

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF3_GE_5_Units	Other	11	10		1	001	003 009
Residential	MF3_GE_5_Units	Other	11	11		1	001	003 009
Residential	MF3_GE_5_Units	Other	12	-2		1	001	003 009
Residential	MF3_GE_5_Units	Other	12	-1		1	001	003 009
Residential	MF3_GE_5_Units	Other	12	0		1	001	003 009
Residential	MF3_GE_5_Units	Other	12	1		1	001	003 009
Residential	MF3_GE_5_Units	Other	12	2		1	001	003 009
Residential	MF3_GE_5_Units	Other	12	3		1	001	003 009
Residential	MF3_GE_5_Units	Other	12	4		1	001	003 009
Residential	MF3_GE_5_Units	Other	12	5		1	001	003 009
Residential	MF3_GE_5_Units	Other	12	6		1	001	003 009
Residential	MF3_GE_5_Units	Other	12	7		1	001	003 009
Residential	MF3_GE_5_Units	Other	12	8		1	001	003 009
Residential	MF3_GE_5_Units	Other	12	9		1	001	003 009
Residential	MF3_GE_5_Units	Other	12	10		1	001	003 009
Residential	MF3_GE_5_Units	Other	12	11		1	001	003 009
Residential	MF3_GE_5_Units	Other	12	12		1	001	003 009
Residential	MF3_GE_5_Units	Other	13	-2		1	001	003 009
Residential	MF3_GE_5_Units	Other	13	-1		1	001	003 009
Residential	MF3_GE_5_Units	Other	13	0		1	001	003 009
Residential	MF3_GE_5_Units	Other	13	1		1	001	003 009
Residential	MF3_GE_5_Units	Other	13	2		1	001	003 009
Residential	MF3_GE_5_Units	Other	13	3		1	001	003 009
Residential	MF3_GE_5_Units	Other	13	4		1	001	003 009
Residential	MF3_GE_5_Units	Other	13	5		1	001	003 009
Residential	MF3_GE_5_Units	Other	13	6		1	001	003 009
Residential	MF3_GE_5_Units	Other	13	7		1	001	003 009
Residential	MF3_GE_5_Units	Other	13	8		1	001	003 009
Residential	MF3_GE_5_Units	Other	13	9		1	001	003 009
Residential	MF3_GE_5_Units	Other	13	10		1	001	003 009
Residential	MF3_GE_5_Units	Other	13	11		1	001	003 009
Residential	MF3_GE_5_Units	Other	13	12		1	001	003 009
Residential	MF3_GE_5_Units	Other	13	13		1	001	003 009

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF3_GE_5_Units	Other	14	-2		1	001	003 009
Residential	MF3_GE_5_Units	Other	14	-1		1	001	003 009
Residential	MF3_GE_5_Units	Other	14	0		1	001	003 009
Residential	MF3_GE_5_Units	Other	14	1		1	001	003 009
Residential	MF3_GE_5_Units	Other	14	2		1	001	003 009
Residential	MF3_GE_5_Units	Other	14	3		1	001	003 009
Residential	MF3_GE_5_Units	Other	14	4		1	001	003 009
Residential	MF3_GE_5_Units	Other	14	5		1	001	003 009
Residential	MF3_GE_5_Units	Other	14	6		1	001	003 009
Residential	MF3_GE_5_Units	Other	14	7		1	001	003 009
Residential	MF3_GE_5_Units	Other	14	8		1	001	003 009
Residential	MF3_GE_5_Units	Other	14	9		1	001	003 009
Residential	MF3_GE_5_Units	Other	14	10		1	001	003 009
Residential	MF3_GE_5_Units	Other	14	11		1	001	003 009
Residential	MF3_GE_5_Units	Other	14	12		1	001	003 009
Residential	MF3_GE_5_Units	Other	14	13		1	001	003 009
Residential	MF3_GE_5_Units	Other	14	14		1	001	003 009
Residential	MF3_GE_5_Units	Other	15	-2		1	001	003 009
Residential	MF3_GE_5_Units	Other	15	-1		1	001	003 009
Residential	MF3_GE_5_Units	Other	15	0		1	001	003 009
Residential	MF3_GE_5_Units	Other	15	1		1	001	003 009
Residential	MF3_GE_5_Units	Other	15	2		1	001	003 009
Residential	MF3_GE_5_Units	Other	15	3		1	001	003 009
Residential	MF3_GE_5_Units	Other	15	4		1	001	003 009
Residential	MF3_GE_5_Units	Other	15	5		1	001	003 009
Residential	MF3_GE_5_Units	Other	15	6		1	001	003 009
Residential	MF3_GE_5_Units	Other	15	7		1	001	003 009
Residential	MF3_GE_5_Units	Other	15	8		1	001	003 009
Residential	MF3_GE_5_Units	Other	15	9		1	001	003 009
Residential	MF3_GE_5_Units	Other	15	10		1	001	003 009
Residential	MF3_GE_5_Units	Other	15	11		1	001	003 009
Residential	MF3_GE_5_Units	Other	15	12		1	001	003 009
Residential	MF3_GE_5_Units	Other	15	13		1	001	003 009

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MF3_GE_5_Units	Other	15	14		1	001	003 009
Residential	MF3_GE_5_Units	Other	15	15		1	001	003 009
Residential	MM_Master_Meter	Space_Heat	0	-2		1	001	004 001
Residential	MM_Master_Meter	Space_Heat	0	-1		1	001	004 001
Residential	MM_Master_Meter	Space_Heat	0	0		1	001	004 001
Residential	MM_Master_Meter	Space_Heat	1	-2		1	001	004 001
Residential	MM_Master_Meter	Space_Heat	1	-1		1	001	004 001
Residential	MM_Master_Meter	Space_Heat	1	0		1	001	004 001
Residential	MM_Master_Meter	Space_Heat	1	1		1	001	004 001
Residential	MM_Master_Meter	Space_Heat	2	-2		1	001	004 001
Residential	MM_Master_Meter	Space_Heat	2	-1		1	001	004 001
Residential	MM_Master_Meter	Space_Heat	2	0		1	001	004 001
Residential	MM_Master_Meter	Space_Heat	2	1		1	001	004 001
Residential	MM_Master_Meter	Space_Heat	2	2		1	001	004 001
Residential	MM_Master_Meter	Space_Heat	3	-2		1	001	004 001
Residential	MM_Master_Meter	Space_Heat	3	-1		1	001	004 001
Residential	MM_Master_Meter	Space_Heat	3	0		1	001	004 001
Residential	MM_Master_Meter	Space_Heat	3	1		1	001	004 001
Residential	MM_Master_Meter	Space_Heat	3	2		1	001	004 001
Residential	MM_Master_Meter	Space_Heat	3	3		1	001	004 001
Residential	MM_Master_Meter	Space_Heat	4	-2		1	001	004 001
Residential	MM_Master_Meter	Space_Heat	4	-1		1	001	004 001
Residential	MM_Master_Meter	Space_Heat	4	0		1	001	004 001
Residential	MM_Master_Meter	Space_Heat	4	1		1	001	004 001
Residential	MM_Master_Meter	Space_Heat	4	2		1	001	004 001
Residential	MM_Master_Meter	Space_Heat	4	3		1	001	004 001
Residential	MM_Master_Meter	Space_Heat	4	4		1	001	004 001
Residential	MM_Master_Meter	Space_Heat	5	-2		1	001	004 001
Residential	MM_Master_Meter	Space_Heat	5	-1		1	001	004 001
Residential	MM_Master_Meter	Space_Heat	5	0		1	001	004 001
Residential	MM_Master_Meter	Space_Heat	5	1		1	001	004 001
Residential	MM_Master_Meter	Space_Heat	5	2		1	001	004 001
Residential	MM_Master_Meter	Space_Heat	5	3		1	001	004 001

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MM_Master_Meter	Space_Heat	5	4	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	5	5	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	6	-2	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	6	-1	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	6	0	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	6	1	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	6	2	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	6	3	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	6	4	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	6	5	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	6	6	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	7	-2	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	7	-1	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	7	0	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	7	1	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	7	2	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	7	3	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	7	4	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	7	5	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	7	6	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	7	7	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	8	-2	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	8	-1	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	8	0	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	8	1	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	8	2	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	8	3	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	8	4	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	8	5	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	8	6	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	8	7	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	8	8	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	9	-2	1	001	004	001

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MM_Master_Meter	Space_Heat	9	-1	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	9	0	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	9	1	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	9	2	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	9	3	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	9	4	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	9	5	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	9	6	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	9	7	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	9	8	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	9	9	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	10	-2	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	10	-1	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	10	0	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	10	1	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	10	2	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	10	3	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	10	4	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	10	5	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	10	6	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	10	7	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	10	8	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	10	9	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	10	10	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	11	-2	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	11	-1	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	11	0	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	11	1	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	11	2	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	11	3	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	11	4	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	11	5	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	11	6	1	001	004	001

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MM_Master_Meter	Space_Heat	11	7	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	11	8	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	11	9	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	11	10	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	11	11	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	12	-2	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	12	-1	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	12	0	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	12	1	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	12	2	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	12	3	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	12	4	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	12	5	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	12	6	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	12	7	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	12	8	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	12	9	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	12	10	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	12	11	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	12	12	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	13	-2	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	13	-1	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	13	0	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	13	1	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	13	2	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	13	3	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	13	4	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	13	5	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	13	6	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	13	7	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	13	8	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	13	9	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	13	10	1	001	004	001

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MM_Master_Meter	Space_Heat	13	11	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	13	12	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	13	13	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	14	-2	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	14	-1	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	14	0	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	14	1	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	14	2	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	14	3	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	14	4	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	14	5	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	14	6	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	14	7	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	14	8	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	14	9	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	14	10	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	14	11	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	14	12	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	14	13	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	14	14	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	15	-2	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	15	-1	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	15	0	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	15	1	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	15	2	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	15	3	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	15	4	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	15	5	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	15	6	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	15	7	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	15	8	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	15	9	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	15	10	1	001	004	001

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MM_Master_Meter	Space_Heat	15	11	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	15	12	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	15	13	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	15	14	1	001	004	001
Residential	MM_Master_Meter	Space_Heat	15	15	1	001	004	001
Residential	MM_Master_Meter	Water_Heat	0	-2	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	0	-1	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	0	0	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	1	-2	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	1	-1	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	1	0	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	1	1	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	2	-2	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	2	-1	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	2	0	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	2	1	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	2	2	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	3	-2	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	3	-1	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	3	0	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	3	1	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	3	2	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	3	3	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	4	-2	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	4	-1	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	4	0	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	4	1	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	4	2	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	4	3	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	4	4	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	5	-2	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	5	-1	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	5	0	1	001	004	002

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MM_Master_Meter	Water_Heat	5	1	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	5	2	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	5	3	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	5	4	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	5	5	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	6	-2	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	6	-1	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	6	0	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	6	1	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	6	2	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	6	3	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	6	4	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	6	5	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	6	6	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	7	-2	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	7	-1	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	7	0	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	7	1	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	7	2	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	7	3	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	7	4	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	7	5	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	7	6	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	7	7	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	8	-2	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	8	-1	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	8	0	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	8	1	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	8	2	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	8	3	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	8	4	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	8	5	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	8	6	1	001	004	002

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MM_Master_Meter	Water_Heat	8	7	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	8	8	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	9	-2	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	9	-1	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	9	0	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	9	1	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	9	2	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	9	3	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	9	4	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	9	5	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	9	6	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	9	7	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	9	8	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	9	9	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	10	-2	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	10	-1	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	10	0	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	10	1	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	10	2	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	10	3	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	10	4	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	10	5	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	10	6	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	10	7	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	10	8	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	10	9	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	10	10	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	11	-2	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	11	-1	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	11	0	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	11	1	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	11	2	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	11	3	1	001	004	002

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MM_Master_Meter	Water_Heat	11	4	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	11	5	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	11	6	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	11	7	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	11	8	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	11	9	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	11	10	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	11	11	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	12	-2	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	12	-1	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	12	0	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	12	1	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	12	2	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	12	3	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	12	4	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	12	5	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	12	6	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	12	7	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	12	8	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	12	9	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	12	10	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	12	11	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	12	12	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	13	-2	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	13	-1	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	13	0	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	13	1	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	13	2	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	13	3	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	13	4	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	13	5	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	13	6	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	13	7	1	001	004	002

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MM_Master_Meter	Water_Heat	13	8	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	13	9	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	13	10	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	13	11	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	13	12	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	13	13	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	14	-2	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	14	-1	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	14	0	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	14	1	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	14	2	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	14	3	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	14	4	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	14	5	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	14	6	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	14	7	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	14	8	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	14	9	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	14	10	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	14	11	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	14	12	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	14	13	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	14	14	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	15	-2	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	15	-1	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	15	0	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	15	1	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	15	2	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	15	3	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	15	4	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	15	5	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	15	6	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	15	7	1	001	004	002

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MM_Master_Meter	Water_Heat	15	8	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	15	9	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	15	10	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	15	11	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	15	12	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	15	13	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	15	14	1	001	004	002
Residential	MM_Master_Meter	Water_Heat	15	15	1	001	004	002
Residential	MM_Master_Meter	Cooking	0	-2	1	001	004	003
Residential	MM_Master_Meter	Cooking	0	-1	1	001	004	003
Residential	MM_Master_Meter	Cooking	0	0	1	001	004	003
Residential	MM_Master_Meter	Cooking	1	-2	1	001	004	003
Residential	MM_Master_Meter	Cooking	1	-1	1	001	004	003
Residential	MM_Master_Meter	Cooking	1	0	1	001	004	003
Residential	MM_Master_Meter	Cooking	1	1	1	001	004	003
Residential	MM_Master_Meter	Cooking	2	-2	1	001	004	003
Residential	MM_Master_Meter	Cooking	2	-1	1	001	004	003
Residential	MM_Master_Meter	Cooking	2	0	1	001	004	003
Residential	MM_Master_Meter	Cooking	2	1	1	001	004	003
Residential	MM_Master_Meter	Cooking	2	2	1	001	004	003
Residential	MM_Master_Meter	Cooking	3	-2	1	001	004	003
Residential	MM_Master_Meter	Cooking	3	-1	1	001	004	003
Residential	MM_Master_Meter	Cooking	3	0	1	001	004	003
Residential	MM_Master_Meter	Cooking	3	1	1	001	004	003
Residential	MM_Master_Meter	Cooking	3	2	1	001	004	003
Residential	MM_Master_Meter	Cooking	3	3	1	001	004	003
Residential	MM_Master_Meter	Cooking	4	-2	1	001	004	003
Residential	MM_Master_Meter	Cooking	4	-1	1	001	004	003
Residential	MM_Master_Meter	Cooking	4	0	1	001	004	003
Residential	MM_Master_Meter	Cooking	4	1	1	001	004	003
Residential	MM_Master_Meter	Cooking	4	2	1	001	004	003
Residential	MM_Master_Meter	Cooking	4	3	1	001	004	003
Residential	MM_Master_Meter	Cooking	4	4	1	001	004	003

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MM_Master_Meter	Cooking	5	-2	1	001	004	003
Residential	MM_Master_Meter	Cooking	5	-1	1	001	004	003
Residential	MM_Master_Meter	Cooking	5	0	1	001	004	003
Residential	MM_Master_Meter	Cooking	5	1	1	001	004	003
Residential	MM_Master_Meter	Cooking	5	2	1	001	004	003
Residential	MM_Master_Meter	Cooking	5	3	1	001	004	003
Residential	MM_Master_Meter	Cooking	5	4	1	001	004	003
Residential	MM_Master_Meter	Cooking	5	5	1	001	004	003
Residential	MM_Master_Meter	Cooking	6	-2	1	001	004	003
Residential	MM_Master_Meter	Cooking	6	-1	1	001	004	003
Residential	MM_Master_Meter	Cooking	6	0	1	001	004	003
Residential	MM_Master_Meter	Cooking	6	1	1	001	004	003
Residential	MM_Master_Meter	Cooking	6	2	1	001	004	003
Residential	MM_Master_Meter	Cooking	6	3	1	001	004	003
Residential	MM_Master_Meter	Cooking	6	4	1	001	004	003
Residential	MM_Master_Meter	Cooking	6	5	1	001	004	003
Residential	MM_Master_Meter	Cooking	6	6	1	001	004	003
Residential	MM_Master_Meter	Cooking	7	-2	1	001	004	003
Residential	MM_Master_Meter	Cooking	7	-1	1	001	004	003
Residential	MM_Master_Meter	Cooking	7	0	1	001	004	003
Residential	MM_Master_Meter	Cooking	7	1	1	001	004	003
Residential	MM_Master_Meter	Cooking	7	2	1	001	004	003
Residential	MM_Master_Meter	Cooking	7	3	1	001	004	003
Residential	MM_Master_Meter	Cooking	7	4	1	001	004	003
Residential	MM_Master_Meter	Cooking	7	5	1	001	004	003
Residential	MM_Master_Meter	Cooking	7	6	1	001	004	003
Residential	MM_Master_Meter	Cooking	7	7	1	001	004	003
Residential	MM_Master_Meter	Cooking	8	-2	1	001	004	003
Residential	MM_Master_Meter	Cooking	8	-1	1	001	004	003
Residential	MM_Master_Meter	Cooking	8	0	1	001	004	003
Residential	MM_Master_Meter	Cooking	8	1	1	001	004	003
Residential	MM_Master_Meter	Cooking	8	2	1	001	004	003
Residential	MM_Master_Meter	Cooking	8	3	1	001	004	003

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MM_Master_Meter	Cooking	8	4	1	001	004	003
Residential	MM_Master_Meter	Cooking	8	5	1	001	004	003
Residential	MM_Master_Meter	Cooking	8	6	1	001	004	003
Residential	MM_Master_Meter	Cooking	8	7	1	001	004	003
Residential	MM_Master_Meter	Cooking	8	8	1	001	004	003
Residential	MM_Master_Meter	Cooking	9	-2	1	001	004	003
Residential	MM_Master_Meter	Cooking	9	-1	1	001	004	003
Residential	MM_Master_Meter	Cooking	9	0	1	001	004	003
Residential	MM_Master_Meter	Cooking	9	1	1	001	004	003
Residential	MM_Master_Meter	Cooking	9	2	1	001	004	003
Residential	MM_Master_Meter	Cooking	9	3	1	001	004	003
Residential	MM_Master_Meter	Cooking	9	4	1	001	004	003
Residential	MM_Master_Meter	Cooking	9	5	1	001	004	003
Residential	MM_Master_Meter	Cooking	9	6	1	001	004	003
Residential	MM_Master_Meter	Cooking	9	7	1	001	004	003
Residential	MM_Master_Meter	Cooking	9	8	1	001	004	003
Residential	MM_Master_Meter	Cooking	9	9	1	001	004	003
Residential	MM_Master_Meter	Cooking	10	-2	1	001	004	003
Residential	MM_Master_Meter	Cooking	10	-1	1	001	004	003
Residential	MM_Master_Meter	Cooking	10	0	1	001	004	003
Residential	MM_Master_Meter	Cooking	10	1	1	001	004	003
Residential	MM_Master_Meter	Cooking	10	2	1	001	004	003
Residential	MM_Master_Meter	Cooking	10	3	1	001	004	003
Residential	MM_Master_Meter	Cooking	10	4	1	001	004	003
Residential	MM_Master_Meter	Cooking	10	5	1	001	004	003
Residential	MM_Master_Meter	Cooking	10	6	1	001	004	003
Residential	MM_Master_Meter	Cooking	10	7	1	001	004	003
Residential	MM_Master_Meter	Cooking	10	8	1	001	004	003
Residential	MM_Master_Meter	Cooking	10	9	1	001	004	003
Residential	MM_Master_Meter	Cooking	10	10	1	001	004	003
Residential	MM_Master_Meter	Cooking	11	-2	1	001	004	003
Residential	MM_Master_Meter	Cooking	11	-1	1	001	004	003
Residential	MM_Master_Meter	Cooking	11	0	1	001	004	003

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MM_Master_Meter	Cooking	11	1	1	001	004	003
Residential	MM_Master_Meter	Cooking	11	2	1	001	004	003
Residential	MM_Master_Meter	Cooking	11	3	1	001	004	003
Residential	MM_Master_Meter	Cooking	11	4	1	001	004	003
Residential	MM_Master_Meter	Cooking	11	5	1	001	004	003
Residential	MM_Master_Meter	Cooking	11	6	1	001	004	003
Residential	MM_Master_Meter	Cooking	11	7	1	001	004	003
Residential	MM_Master_Meter	Cooking	11	8	1	001	004	003
Residential	MM_Master_Meter	Cooking	11	9	1	001	004	003
Residential	MM_Master_Meter	Cooking	11	10	1	001	004	003
Residential	MM_Master_Meter	Cooking	11	11	1	001	004	003
Residential	MM_Master_Meter	Cooking	12	-2	1	001	004	003
Residential	MM_Master_Meter	Cooking	12	-1	1	001	004	003
Residential	MM_Master_Meter	Cooking	12	0	1	001	004	003
Residential	MM_Master_Meter	Cooking	12	1	1	001	004	003
Residential	MM_Master_Meter	Cooking	12	2	1	001	004	003
Residential	MM_Master_Meter	Cooking	12	3	1	001	004	003
Residential	MM_Master_Meter	Cooking	12	4	1	001	004	003
Residential	MM_Master_Meter	Cooking	12	5	1	001	004	003
Residential	MM_Master_Meter	Cooking	12	6	1	001	004	003
Residential	MM_Master_Meter	Cooking	12	7	1	001	004	003
Residential	MM_Master_Meter	Cooking	12	8	1	001	004	003
Residential	MM_Master_Meter	Cooking	12	9	1	001	004	003
Residential	MM_Master_Meter	Cooking	12	10	1	001	004	003
Residential	MM_Master_Meter	Cooking	12	11	1	001	004	003
Residential	MM_Master_Meter	Cooking	12	12	1	001	004	003
Residential	MM_Master_Meter	Cooking	13	-2	1	001	004	003
Residential	MM_Master_Meter	Cooking	13	-1	1	001	004	003
Residential	MM_Master_Meter	Cooking	13	0	1	001	004	003
Residential	MM_Master_Meter	Cooking	13	1	1	001	004	003
Residential	MM_Master_Meter	Cooking	13	2	1	001	004	003
Residential	MM_Master_Meter	Cooking	13	3	1	001	004	003
Residential	MM_Master_Meter	Cooking	13	4	1	001	004	003

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MM_Master_Meter	Cooking	13	5	1	001	004	003
Residential	MM_Master_Meter	Cooking	13	6	1	001	004	003
Residential	MM_Master_Meter	Cooking	13	7	1	001	004	003
Residential	MM_Master_Meter	Cooking	13	8	1	001	004	003
Residential	MM_Master_Meter	Cooking	13	9	1	001	004	003
Residential	MM_Master_Meter	Cooking	13	10	1	001	004	003
Residential	MM_Master_Meter	Cooking	13	11	1	001	004	003
Residential	MM_Master_Meter	Cooking	13	12	1	001	004	003
Residential	MM_Master_Meter	Cooking	13	13	1	001	004	003
Residential	MM_Master_Meter	Cooking	14	-2	1	001	004	003
Residential	MM_Master_Meter	Cooking	14	-1	1	001	004	003
Residential	MM_Master_Meter	Cooking	14	0	1	001	004	003
Residential	MM_Master_Meter	Cooking	14	1	1	001	004	003
Residential	MM_Master_Meter	Cooking	14	2	1	001	004	003
Residential	MM_Master_Meter	Cooking	14	3	1	001	004	003
Residential	MM_Master_Meter	Cooking	14	4	1	001	004	003
Residential	MM_Master_Meter	Cooking	14	5	1	001	004	003
Residential	MM_Master_Meter	Cooking	14	6	1	001	004	003
Residential	MM_Master_Meter	Cooking	14	7	1	001	004	003
Residential	MM_Master_Meter	Cooking	14	8	1	001	004	003
Residential	MM_Master_Meter	Cooking	14	9	1	001	004	003
Residential	MM_Master_Meter	Cooking	14	10	1	001	004	003
Residential	MM_Master_Meter	Cooking	14	11	1	001	004	003
Residential	MM_Master_Meter	Cooking	14	12	1	001	004	003
Residential	MM_Master_Meter	Cooking	14	13	1	001	004	003
Residential	MM_Master_Meter	Cooking	14	14	1	001	004	003
Residential	MM_Master_Meter	Cooking	15	-2	1	001	004	003
Residential	MM_Master_Meter	Cooking	15	-1	1	001	004	003
Residential	MM_Master_Meter	Cooking	15	0	1	001	004	003
Residential	MM_Master_Meter	Cooking	15	1	1	001	004	003
Residential	MM_Master_Meter	Cooking	15	2	1	001	004	003
Residential	MM_Master_Meter	Cooking	15	3	1	001	004	003
Residential	MM_Master_Meter	Cooking	15	4	1	001	004	003

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MM_Master_Meter	Cooking	15	5	1	001	004	003
Residential	MM_Master_Meter	Cooking	15	6	1	001	004	003
Residential	MM_Master_Meter	Cooking	15	7	1	001	004	003
Residential	MM_Master_Meter	Cooking	15	8	1	001	004	003
Residential	MM_Master_Meter	Cooking	15	9	1	001	004	003
Residential	MM_Master_Meter	Cooking	15	10	1	001	004	003
Residential	MM_Master_Meter	Cooking	15	11	1	001	004	003
Residential	MM_Master_Meter	Cooking	15	12	1	001	004	003
Residential	MM_Master_Meter	Cooking	15	13	1	001	004	003
Residential	MM_Master_Meter	Cooking	15	14	1	001	004	003
Residential	MM_Master_Meter	Cooking	15	15	1	001	004	003
Residential	MM_Master_Meter	Drying	0	-2	0.47158	001	004	004
Residential	MM_Master_Meter	Drying	0	-1	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	0	0	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	1	-2	0.47158	001	004	004
Residential	MM_Master_Meter	Drying	1	-1	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	1	0	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	1	1	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	2	-2	0.47158	001	004	004
Residential	MM_Master_Meter	Drying	2	-1	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	2	0	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	2	1	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	2	2	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	3	-2	0.47158	001	004	004
Residential	MM_Master_Meter	Drying	3	-1	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	3	0	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	3	1	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	3	2	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	3	3	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	4	-2	0.47158	001	004	004
Residential	MM_Master_Meter	Drying	4	-1	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	4	0	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	4	1	0.57182	001	004	004

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MM_Master_Meter	Drying	4	2	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	4	3	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	4	4	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	5	-2	0.47158	001	004	004
Residential	MM_Master_Meter	Drying	5	-1	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	5	0	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	5	1	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	5	2	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	5	3	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	5	4	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	5	5	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	6	-2	0.47158	001	004	004
Residential	MM_Master_Meter	Drying	6	-1	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	6	0	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	6	1	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	6	2	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	6	3	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	6	4	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	6	5	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	6	6	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	7	-2	0.47158	001	004	004
Residential	MM_Master_Meter	Drying	7	-1	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	7	0	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	7	1	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	7	2	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	7	3	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	7	4	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	7	5	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	7	6	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	7	7	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	8	-2	0.47158	001	004	004
Residential	MM_Master_Meter	Drying	8	-1	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	8	0	0.57182	001	004	004

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MM_Master_Meter	Drying	8	1	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	8	2	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	8	3	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	8	4	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	8	5	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	8	6	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	8	7	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	8	8	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	9	-2	0.47158	001	004	004
Residential	MM_Master_Meter	Drying	9	-1	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	9	0	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	9	1	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	9	2	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	9	3	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	9	4	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	9	5	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	9	6	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	9	7	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	9	8	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	9	9	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	10	-2	0.47158	001	004	004
Residential	MM_Master_Meter	Drying	10	-1	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	10	0	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	10	1	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	10	2	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	10	3	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	10	4	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	10	5	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	10	6	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	10	7	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	10	8	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	10	9	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	10	10	0.57182	001	004	004

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MM_Master_Meter	Drying	11	-2	0.47158	001	004	004
Residential	MM_Master_Meter	Drying	11	-1	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	11	0	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	11	1	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	11	2	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	11	3	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	11	4	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	11	5	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	11	6	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	11	7	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	11	8	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	11	9	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	11	10	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	11	11	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	12	-2	0.47158	001	004	004
Residential	MM_Master_Meter	Drying	12	-1	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	12	0	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	12	1	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	12	2	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	12	3	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	12	4	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	12	5	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	12	6	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	12	7	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	12	8	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	12	9	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	12	10	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	12	11	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	12	12	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	13	-2	0.47158	001	004	004
Residential	MM_Master_Meter	Drying	13	-1	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	13	0	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	13	1	0.57182	001	004	004

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MM_Master_Meter	Drying	13	2	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	13	3	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	13	4	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	13	5	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	13	6	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	13	7	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	13	8	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	13	9	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	13	10	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	13	11	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	13	12	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	13	13	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	14	-2	0.47158	001	004	004
Residential	MM_Master_Meter	Drying	14	-1	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	14	0	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	14	1	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	14	2	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	14	3	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	14	4	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	14	5	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	14	6	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	14	7	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	14	8	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	14	9	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	14	10	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	14	11	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	14	12	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	14	13	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	14	14	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	15	-2	0.47158	001	004	004
Residential	MM_Master_Meter	Drying	15	-1	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	15	0	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	15	1	0.57182	001	004	004

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MM_Master_Meter	Drying	15	2	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	15	3	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	15	4	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	15	5	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	15	6	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	15	7	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	15	8	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	15	9	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	15	10	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	15	11	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	15	12	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	15	13	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	15	14	0.57182	001	004	004
Residential	MM_Master_Meter	Drying	15	15	0.57182	001	004	004
Residential	MM_Master_Meter	Barbecue	0	-2	0.07424	001	004	008
Residential	MM_Master_Meter	Barbecue	0	-1	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	0	0	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	1	-2	0.07424	001	004	008
Residential	MM_Master_Meter	Barbecue	1	-1	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	1	0	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	1	1	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	2	-2	0.07424	001	004	008
Residential	MM_Master_Meter	Barbecue	2	-1	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	2	0	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	2	1	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	2	2	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	3	-2	0.07424	001	004	008
Residential	MM_Master_Meter	Barbecue	3	-1	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	3	0	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	3	1	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	3	2	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	3	3	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	4	-2	0.07424	001	004	008

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MM_Master_Meter	Barbecue	4	-1	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	4	0	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	4	1	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	4	2	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	4	3	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	4	4	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	5	-2	0.07424	001	004	008
Residential	MM_Master_Meter	Barbecue	5	-1	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	5	0	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	5	1	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	5	2	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	5	3	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	5	4	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	5	5	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	6	-2	0.07424	001	004	008
Residential	MM_Master_Meter	Barbecue	6	-1	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	6	0	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	6	1	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	6	2	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	6	3	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	6	4	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	6	5	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	6	6	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	7	-2	0.07424	001	004	008
Residential	MM_Master_Meter	Barbecue	7	-1	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	7	0	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	7	1	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	7	2	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	7	3	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	7	4	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	7	5	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	7	6	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	7	7	0.10179	001	004	008

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MM_Master_Meter	Barbecue	8	-2	0.07424	001	004	008
Residential	MM_Master_Meter	Barbecue	8	-1	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	8	0	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	8	1	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	8	2	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	8	3	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	8	4	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	8	5	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	8	6	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	8	7	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	8	8	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	9	-2	0.07424	001	004	008
Residential	MM_Master_Meter	Barbecue	9	-1	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	9	0	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	9	1	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	9	2	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	9	3	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	9	4	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	9	5	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	9	6	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	9	7	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	9	8	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	9	9	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	10	-2	0.07424	001	004	008
Residential	MM_Master_Meter	Barbecue	10	-1	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	10	0	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	10	1	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	10	2	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	10	3	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	10	4	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	10	5	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	10	6	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	10	7	0.10179	001	004	008

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MM_Master_Meter	Barbecue	10	8	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	10	9	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	10	10	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	11	-2	0.07424	001	004	008
Residential	MM_Master_Meter	Barbecue	11	-1	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	11	0	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	11	1	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	11	2	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	11	3	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	11	4	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	11	5	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	11	6	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	11	7	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	11	8	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	11	9	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	11	10	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	11	11	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	12	-2	0.07424	001	004	008
Residential	MM_Master_Meter	Barbecue	12	-1	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	12	0	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	12	1	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	12	2	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	12	3	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	12	4	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	12	5	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	12	6	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	12	7	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	12	8	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	12	9	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	12	10	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	12	11	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	12	12	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	13	-2	0.07424	001	004	008

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MM_Master_Meter	Barbecue	13	-1	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	13	0	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	13	1	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	13	2	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	13	3	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	13	4	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	13	5	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	13	6	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	13	7	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	13	8	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	13	9	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	13	10	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	13	11	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	13	12	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	13	13	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	14	-2	0.07424	001	004	008
Residential	MM_Master_Meter	Barbecue	14	-1	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	14	0	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	14	1	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	14	2	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	14	3	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	14	4	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	14	5	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	14	6	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	14	7	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	14	8	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	14	9	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	14	10	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	14	11	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	14	12	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	14	13	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	14	14	0.10179	001	004	008
Residential	MM_Master_Meter	Barbecue	15	-2	0.07424	001	004	008

zName	bName	nName	year	vintage	saturation	z	b	n	
Residential	MM_Master_Meter	Barbecue	15	-1	0.10179	001	004	008	
Residential	MM_Master_Meter	Barbecue	15	0	0.10179	001	004	008	
Residential	MM_Master_Meter	Barbecue	15	1	0.10179	001	004	008	
Residential	MM_Master_Meter	Barbecue	15	2	0.10179	001	004	008	
Residential	MM_Master_Meter	Barbecue	15	3	0.10179	001	004	008	
Residential	MM_Master_Meter	Barbecue	15	4	0.10179	001	004	008	
Residential	MM_Master_Meter	Barbecue	15	5	0.10179	001	004	008	
Residential	MM_Master_Meter	Barbecue	15	6	0.10179	001	004	008	
Residential	MM_Master_Meter	Barbecue	15	7	0.10179	001	004	008	
Residential	MM_Master_Meter	Barbecue	15	8	0.10179	001	004	008	
Residential	MM_Master_Meter	Barbecue	15	9	0.10179	001	004	008	
Residential	MM_Master_Meter	Barbecue	15	10	0.10179	001	004	008	
Residential	MM_Master_Meter	Barbecue	15	11	0.10179	001	004	008	
Residential	MM_Master_Meter	Barbecue	15	12	0.10179	001	004	008	
Residential	MM_Master_Meter	Barbecue	15	13	0.10179	001	004	008	
Residential	MM_Master_Meter	Barbecue	15	14	0.10179	001	004	008	
Residential	MM_Master_Meter	Barbecue	15	15	0.10179	001	004	008	
Residential	MM_Master_Meter	Other	0	-2		1	001	004	009
Residential	MM_Master_Meter	Other	0	-1		1	001	004	009
Residential	MM_Master_Meter	Other	0	0		1	001	004	009
Residential	MM_Master_Meter	Other	1	-2		1	001	004	009
Residential	MM_Master_Meter	Other	1	-1		1	001	004	009
Residential	MM_Master_Meter	Other	1	0		1	001	004	009
Residential	MM_Master_Meter	Other	1	1		1	001	004	009
Residential	MM_Master_Meter	Other	2	-2		1	001	004	009
Residential	MM_Master_Meter	Other	2	-1		1	001	004	009
Residential	MM_Master_Meter	Other	2	0		1	001	004	009
Residential	MM_Master_Meter	Other	2	1		1	001	004	009
Residential	MM_Master_Meter	Other	2	2		1	001	004	009
Residential	MM_Master_Meter	Other	3	-2		1	001	004	009
Residential	MM_Master_Meter	Other	3	-1		1	001	004	009
Residential	MM_Master_Meter	Other	3	0		1	001	004	009
Residential	MM_Master_Meter	Other	3	1		1	001	004	009

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MM_Master_Meter	Other	3	2	1	001	004	009
Residential	MM_Master_Meter	Other	3	3	1	001	004	009
Residential	MM_Master_Meter	Other	4	-2	1	001	004	009
Residential	MM_Master_Meter	Other	4	-1	1	001	004	009
Residential	MM_Master_Meter	Other	4	0	1	001	004	009
Residential	MM_Master_Meter	Other	4	1	1	001	004	009
Residential	MM_Master_Meter	Other	4	2	1	001	004	009
Residential	MM_Master_Meter	Other	4	3	1	001	004	009
Residential	MM_Master_Meter	Other	4	4	1	001	004	009
Residential	MM_Master_Meter	Other	5	-2	1	001	004	009
Residential	MM_Master_Meter	Other	5	-1	1	001	004	009
Residential	MM_Master_Meter	Other	5	0	1	001	004	009
Residential	MM_Master_Meter	Other	5	1	1	001	004	009
Residential	MM_Master_Meter	Other	5	2	1	001	004	009
Residential	MM_Master_Meter	Other	5	3	1	001	004	009
Residential	MM_Master_Meter	Other	5	4	1	001	004	009
Residential	MM_Master_Meter	Other	5	5	1	001	004	009
Residential	MM_Master_Meter	Other	6	-2	1	001	004	009
Residential	MM_Master_Meter	Other	6	-1	1	001	004	009
Residential	MM_Master_Meter	Other	6	0	1	001	004	009
Residential	MM_Master_Meter	Other	6	1	1	001	004	009
Residential	MM_Master_Meter	Other	6	2	1	001	004	009
Residential	MM_Master_Meter	Other	6	3	1	001	004	009
Residential	MM_Master_Meter	Other	6	4	1	001	004	009
Residential	MM_Master_Meter	Other	6	5	1	001	004	009
Residential	MM_Master_Meter	Other	6	6	1	001	004	009
Residential	MM_Master_Meter	Other	7	-2	1	001	004	009
Residential	MM_Master_Meter	Other	7	-1	1	001	004	009
Residential	MM_Master_Meter	Other	7	0	1	001	004	009
Residential	MM_Master_Meter	Other	7	1	1	001	004	009
Residential	MM_Master_Meter	Other	7	2	1	001	004	009
Residential	MM_Master_Meter	Other	7	3	1	001	004	009
Residential	MM_Master_Meter	Other	7	4	1	001	004	009

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MM_Master_Meter	Other	7	5	1	001	004	009
Residential	MM_Master_Meter	Other	7	6	1	001	004	009
Residential	MM_Master_Meter	Other	7	7	1	001	004	009
Residential	MM_Master_Meter	Other	8	-2	1	001	004	009
Residential	MM_Master_Meter	Other	8	-1	1	001	004	009
Residential	MM_Master_Meter	Other	8	0	1	001	004	009
Residential	MM_Master_Meter	Other	8	1	1	001	004	009
Residential	MM_Master_Meter	Other	8	2	1	001	004	009
Residential	MM_Master_Meter	Other	8	3	1	001	004	009
Residential	MM_Master_Meter	Other	8	4	1	001	004	009
Residential	MM_Master_Meter	Other	8	5	1	001	004	009
Residential	MM_Master_Meter	Other	8	6	1	001	004	009
Residential	MM_Master_Meter	Other	8	7	1	001	004	009
Residential	MM_Master_Meter	Other	8	8	1	001	004	009
Residential	MM_Master_Meter	Other	9	-2	1	001	004	009
Residential	MM_Master_Meter	Other	9	-1	1	001	004	009
Residential	MM_Master_Meter	Other	9	0	1	001	004	009
Residential	MM_Master_Meter	Other	9	1	1	001	004	009
Residential	MM_Master_Meter	Other	9	2	1	001	004	009
Residential	MM_Master_Meter	Other	9	3	1	001	004	009
Residential	MM_Master_Meter	Other	9	4	1	001	004	009
Residential	MM_Master_Meter	Other	9	5	1	001	004	009
Residential	MM_Master_Meter	Other	9	6	1	001	004	009
Residential	MM_Master_Meter	Other	9	7	1	001	004	009
Residential	MM_Master_Meter	Other	9	8	1	001	004	009
Residential	MM_Master_Meter	Other	9	9	1	001	004	009
Residential	MM_Master_Meter	Other	10	-2	1	001	004	009
Residential	MM_Master_Meter	Other	10	-1	1	001	004	009
Residential	MM_Master_Meter	Other	10	0	1	001	004	009
Residential	MM_Master_Meter	Other	10	1	1	001	004	009
Residential	MM_Master_Meter	Other	10	2	1	001	004	009
Residential	MM_Master_Meter	Other	10	3	1	001	004	009
Residential	MM_Master_Meter	Other	10	4	1	001	004	009

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MM_Master_Meter	Other	10	5	1	001	004	009
Residential	MM_Master_Meter	Other	10	6	1	001	004	009
Residential	MM_Master_Meter	Other	10	7	1	001	004	009
Residential	MM_Master_Meter	Other	10	8	1	001	004	009
Residential	MM_Master_Meter	Other	10	9	1	001	004	009
Residential	MM_Master_Meter	Other	10	10	1	001	004	009
Residential	MM_Master_Meter	Other	11	-2	1	001	004	009
Residential	MM_Master_Meter	Other	11	-1	1	001	004	009
Residential	MM_Master_Meter	Other	11	0	1	001	004	009
Residential	MM_Master_Meter	Other	11	1	1	001	004	009
Residential	MM_Master_Meter	Other	11	2	1	001	004	009
Residential	MM_Master_Meter	Other	11	3	1	001	004	009
Residential	MM_Master_Meter	Other	11	4	1	001	004	009
Residential	MM_Master_Meter	Other	11	5	1	001	004	009
Residential	MM_Master_Meter	Other	11	6	1	001	004	009
Residential	MM_Master_Meter	Other	11	7	1	001	004	009
Residential	MM_Master_Meter	Other	11	8	1	001	004	009
Residential	MM_Master_Meter	Other	11	9	1	001	004	009
Residential	MM_Master_Meter	Other	11	10	1	001	004	009
Residential	MM_Master_Meter	Other	11	11	1	001	004	009
Residential	MM_Master_Meter	Other	12	-2	1	001	004	009
Residential	MM_Master_Meter	Other	12	-1	1	001	004	009
Residential	MM_Master_Meter	Other	12	0	1	001	004	009
Residential	MM_Master_Meter	Other	12	1	1	001	004	009
Residential	MM_Master_Meter	Other	12	2	1	001	004	009
Residential	MM_Master_Meter	Other	12	3	1	001	004	009
Residential	MM_Master_Meter	Other	12	4	1	001	004	009
Residential	MM_Master_Meter	Other	12	5	1	001	004	009
Residential	MM_Master_Meter	Other	12	6	1	001	004	009
Residential	MM_Master_Meter	Other	12	7	1	001	004	009
Residential	MM_Master_Meter	Other	12	8	1	001	004	009
Residential	MM_Master_Meter	Other	12	9	1	001	004	009
Residential	MM_Master_Meter	Other	12	10	1	001	004	009

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MM_Master_Meter	Other	12	11	1	001	004	009
Residential	MM_Master_Meter	Other	12	12	1	001	004	009
Residential	MM_Master_Meter	Other	13	-2	1	001	004	009
Residential	MM_Master_Meter	Other	13	-1	1	001	004	009
Residential	MM_Master_Meter	Other	13	0	1	001	004	009
Residential	MM_Master_Meter	Other	13	1	1	001	004	009
Residential	MM_Master_Meter	Other	13	2	1	001	004	009
Residential	MM_Master_Meter	Other	13	3	1	001	004	009
Residential	MM_Master_Meter	Other	13	4	1	001	004	009
Residential	MM_Master_Meter	Other	13	5	1	001	004	009
Residential	MM_Master_Meter	Other	13	6	1	001	004	009
Residential	MM_Master_Meter	Other	13	7	1	001	004	009
Residential	MM_Master_Meter	Other	13	8	1	001	004	009
Residential	MM_Master_Meter	Other	13	9	1	001	004	009
Residential	MM_Master_Meter	Other	13	10	1	001	004	009
Residential	MM_Master_Meter	Other	13	11	1	001	004	009
Residential	MM_Master_Meter	Other	13	12	1	001	004	009
Residential	MM_Master_Meter	Other	13	13	1	001	004	009
Residential	MM_Master_Meter	Other	14	-2	1	001	004	009
Residential	MM_Master_Meter	Other	14	-1	1	001	004	009
Residential	MM_Master_Meter	Other	14	0	1	001	004	009
Residential	MM_Master_Meter	Other	14	1	1	001	004	009
Residential	MM_Master_Meter	Other	14	2	1	001	004	009
Residential	MM_Master_Meter	Other	14	3	1	001	004	009
Residential	MM_Master_Meter	Other	14	4	1	001	004	009
Residential	MM_Master_Meter	Other	14	5	1	001	004	009
Residential	MM_Master_Meter	Other	14	6	1	001	004	009
Residential	MM_Master_Meter	Other	14	7	1	001	004	009
Residential	MM_Master_Meter	Other	14	8	1	001	004	009
Residential	MM_Master_Meter	Other	14	9	1	001	004	009
Residential	MM_Master_Meter	Other	14	10	1	001	004	009
Residential	MM_Master_Meter	Other	14	11	1	001	004	009
Residential	MM_Master_Meter	Other	14	12	1	001	004	009

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	MM_Master_Meter	Other	14	13	1	001	004	009
Residential	MM_Master_Meter	Other	14	14	1	001	004	009
Residential	MM_Master_Meter	Other	15	-2	1	001	004	009
Residential	MM_Master_Meter	Other	15	-1	1	001	004	009
Residential	MM_Master_Meter	Other	15	0	1	001	004	009
Residential	MM_Master_Meter	Other	15	1	1	001	004	009
Residential	MM_Master_Meter	Other	15	2	1	001	004	009
Residential	MM_Master_Meter	Other	15	3	1	001	004	009
Residential	MM_Master_Meter	Other	15	4	1	001	004	009
Residential	MM_Master_Meter	Other	15	5	1	001	004	009
Residential	MM_Master_Meter	Other	15	6	1	001	004	009
Residential	MM_Master_Meter	Other	15	7	1	001	004	009
Residential	MM_Master_Meter	Other	15	8	1	001	004	009
Residential	MM_Master_Meter	Other	15	9	1	001	004	009
Residential	MM_Master_Meter	Other	15	10	1	001	004	009
Residential	MM_Master_Meter	Other	15	11	1	001	004	009
Residential	MM_Master_Meter	Other	15	12	1	001	004	009
Residential	MM_Master_Meter	Other	15	13	1	001	004	009
Residential	MM_Master_Meter	Other	15	14	1	001	004	009
Residential	MM_Master_Meter	Other	15	15	1	001	004	009
Residential	SM_Sub_Meter	Space_Heat	0	-2	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	0	-1	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	0	0	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	1	-2	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	1	-1	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	1	0	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	1	1	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	2	-2	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	2	-1	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	2	0	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	2	1	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	2	2	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	3	-2	1	001	005	001

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	SM_Sub_Meter	Space_Heat	3	-1	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	3	0	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	3	1	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	3	2	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	3	3	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	4	-2	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	4	-1	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	4	0	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	4	1	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	4	2	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	4	3	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	4	4	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	5	-2	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	5	-1	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	5	0	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	5	1	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	5	2	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	5	3	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	5	4	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	5	5	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	6	-2	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	6	-1	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	6	0	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	6	1	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	6	2	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	6	3	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	6	4	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	6	5	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	6	6	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	7	-2	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	7	-1	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	7	0	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	7	1	1	001	005	001

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	SM_Sub_Meter	Space_Heat	7	2	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	7	3	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	7	4	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	7	5	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	7	6	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	7	7	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	8	-2	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	8	-1	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	8	0	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	8	1	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	8	2	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	8	3	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	8	4	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	8	5	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	8	6	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	8	7	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	8	8	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	9	-2	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	9	-1	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	9	0	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	9	1	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	9	2	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	9	3	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	9	4	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	9	5	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	9	6	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	9	7	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	9	8	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	9	9	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	10	-2	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	10	-1	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	10	0	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	10	1	1	001	005	001

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	SM_Sub_Meter	Space_Heat	10	2	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	10	3	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	10	4	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	10	5	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	10	6	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	10	7	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	10	8	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	10	9	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	10	10	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	11	-2	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	11	-1	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	11	0	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	11	1	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	11	2	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	11	3	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	11	4	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	11	5	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	11	6	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	11	7	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	11	8	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	11	9	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	11	10	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	11	11	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	12	-2	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	12	-1	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	12	0	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	12	1	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	12	2	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	12	3	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	12	4	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	12	5	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	12	6	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	12	7	1	001	005	001

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	SM_Sub_Meter	Space_Heat	12	8	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	12	9	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	12	10	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	12	11	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	12	12	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	13	-2	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	13	-1	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	13	0	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	13	1	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	13	2	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	13	3	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	13	4	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	13	5	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	13	6	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	13	7	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	13	8	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	13	9	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	13	10	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	13	11	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	13	12	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	13	13	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	14	-2	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	14	-1	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	14	0	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	14	1	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	14	2	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	14	3	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	14	4	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	14	5	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	14	6	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	14	7	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	14	8	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	14	9	1	001	005	001

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	SM_Sub_Meter	Space_Heat	14	10	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	14	11	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	14	12	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	14	13	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	14	14	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	15	-2	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	15	-1	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	15	0	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	15	1	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	15	2	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	15	3	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	15	4	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	15	5	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	15	6	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	15	7	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	15	8	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	15	9	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	15	10	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	15	11	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	15	12	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	15	13	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	15	14	1	001	005	001
Residential	SM_Sub_Meter	Space_Heat	15	15	1	001	005	001
Residential	SM_Sub_Meter	Water_Heat	0	-2	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	0	-1	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	0	0	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	1	-2	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	1	-1	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	1	0	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	1	1	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	2	-2	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	2	-1	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	2	0	1	001	005	002

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	SM_Sub_Meter	Water_Heat	2	1	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	2	2	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	3	-2	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	3	-1	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	3	0	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	3	1	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	3	2	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	3	3	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	4	-2	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	4	-1	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	4	0	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	4	1	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	4	2	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	4	3	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	4	4	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	5	-2	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	5	-1	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	5	0	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	5	1	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	5	2	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	5	3	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	5	4	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	5	5	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	6	-2	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	6	-1	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	6	0	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	6	1	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	6	2	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	6	3	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	6	4	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	6	5	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	6	6	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	7	-2	1	001	005	002

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	SM_Sub_Meter	Water_Heat	7	-1	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	7	0	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	7	1	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	7	2	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	7	3	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	7	4	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	7	5	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	7	6	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	7	7	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	8	-2	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	8	-1	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	8	0	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	8	1	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	8	2	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	8	3	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	8	4	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	8	5	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	8	6	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	8	7	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	8	8	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	9	-2	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	9	-1	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	9	0	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	9	1	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	9	2	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	9	3	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	9	4	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	9	5	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	9	6	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	9	7	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	9	8	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	9	9	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	10	-2	1	001	005	002

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	SM_Sub_Meter	Water_Heat	10	-1		1	001	005 002
Residential	SM_Sub_Meter	Water_Heat	10	0		1	001	005 002
Residential	SM_Sub_Meter	Water_Heat	10	1		1	001	005 002
Residential	SM_Sub_Meter	Water_Heat	10	2		1	001	005 002
Residential	SM_Sub_Meter	Water_Heat	10	3		1	001	005 002
Residential	SM_Sub_Meter	Water_Heat	10	4		1	001	005 002
Residential	SM_Sub_Meter	Water_Heat	10	5		1	001	005 002
Residential	SM_Sub_Meter	Water_Heat	10	6		1	001	005 002
Residential	SM_Sub_Meter	Water_Heat	10	7		1	001	005 002
Residential	SM_Sub_Meter	Water_Heat	10	8		1	001	005 002
Residential	SM_Sub_Meter	Water_Heat	10	9		1	001	005 002
Residential	SM_Sub_Meter	Water_Heat	10	10		1	001	005 002
Residential	SM_Sub_Meter	Water_Heat	11	-2		1	001	005 002
Residential	SM_Sub_Meter	Water_Heat	11	-1		1	001	005 002
Residential	SM_Sub_Meter	Water_Heat	11	0		1	001	005 002
Residential	SM_Sub_Meter	Water_Heat	11	1		1	001	005 002
Residential	SM_Sub_Meter	Water_Heat	11	2		1	001	005 002
Residential	SM_Sub_Meter	Water_Heat	11	3		1	001	005 002
Residential	SM_Sub_Meter	Water_Heat	11	4		1	001	005 002
Residential	SM_Sub_Meter	Water_Heat	11	5		1	001	005 002
Residential	SM_Sub_Meter	Water_Heat	11	6		1	001	005 002
Residential	SM_Sub_Meter	Water_Heat	11	7		1	001	005 002
Residential	SM_Sub_Meter	Water_Heat	11	8		1	001	005 002
Residential	SM_Sub_Meter	Water_Heat	11	9		1	001	005 002
Residential	SM_Sub_Meter	Water_Heat	11	10		1	001	005 002
Residential	SM_Sub_Meter	Water_Heat	11	11		1	001	005 002
Residential	SM_Sub_Meter	Water_Heat	12	-2		1	001	005 002
Residential	SM_Sub_Meter	Water_Heat	12	-1		1	001	005 002
Residential	SM_Sub_Meter	Water_Heat	12	0		1	001	005 002
Residential	SM_Sub_Meter	Water_Heat	12	1		1	001	005 002
Residential	SM_Sub_Meter	Water_Heat	12	2		1	001	005 002
Residential	SM_Sub_Meter	Water_Heat	12	3		1	001	005 002
Residential	SM_Sub_Meter	Water_Heat	12	4		1	001	005 002

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	SM_Sub_Meter	Water_Heat	12	5	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	12	6	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	12	7	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	12	8	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	12	9	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	12	10	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	12	11	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	12	12	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	13	-2	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	13	-1	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	13	0	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	13	1	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	13	2	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	13	3	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	13	4	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	13	5	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	13	6	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	13	7	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	13	8	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	13	9	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	13	10	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	13	11	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	13	12	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	13	13	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	14	-2	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	14	-1	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	14	0	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	14	1	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	14	2	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	14	3	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	14	4	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	14	5	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	14	6	1	001	005	002

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	SM_Sub_Meter	Water_Heat	14	7	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	14	8	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	14	9	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	14	10	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	14	11	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	14	12	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	14	13	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	14	14	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	15	-2	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	15	-1	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	15	0	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	15	1	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	15	2	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	15	3	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	15	4	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	15	5	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	15	6	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	15	7	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	15	8	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	15	9	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	15	10	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	15	11	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	15	12	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	15	13	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	15	14	1	001	005	002
Residential	SM_Sub_Meter	Water_Heat	15	15	1	001	005	002
Residential	SM_Sub_Meter	Cooking	0	-2	1	001	005	003
Residential	SM_Sub_Meter	Cooking	0	-1	1	001	005	003
Residential	SM_Sub_Meter	Cooking	0	0	1	001	005	003
Residential	SM_Sub_Meter	Cooking	1	-2	1	001	005	003
Residential	SM_Sub_Meter	Cooking	1	-1	1	001	005	003
Residential	SM_Sub_Meter	Cooking	1	0	1	001	005	003
Residential	SM_Sub_Meter	Cooking	1	1	1	001	005	003

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	SM_Sub_Meter	Cooking	2	-2	1	001	005	003
Residential	SM_Sub_Meter	Cooking	2	-1	1	001	005	003
Residential	SM_Sub_Meter	Cooking	2	0	1	001	005	003
Residential	SM_Sub_Meter	Cooking	2	1	1	001	005	003
Residential	SM_Sub_Meter	Cooking	2	2	1	001	005	003
Residential	SM_Sub_Meter	Cooking	3	-2	1	001	005	003
Residential	SM_Sub_Meter	Cooking	3	-1	1	001	005	003
Residential	SM_Sub_Meter	Cooking	3	0	1	001	005	003
Residential	SM_Sub_Meter	Cooking	3	1	1	001	005	003
Residential	SM_Sub_Meter	Cooking	3	2	1	001	005	003
Residential	SM_Sub_Meter	Cooking	3	3	1	001	005	003
Residential	SM_Sub_Meter	Cooking	4	-2	1	001	005	003
Residential	SM_Sub_Meter	Cooking	4	-1	1	001	005	003
Residential	SM_Sub_Meter	Cooking	4	0	1	001	005	003
Residential	SM_Sub_Meter	Cooking	4	1	1	001	005	003
Residential	SM_Sub_Meter	Cooking	4	2	1	001	005	003
Residential	SM_Sub_Meter	Cooking	4	3	1	001	005	003
Residential	SM_Sub_Meter	Cooking	4	4	1	001	005	003
Residential	SM_Sub_Meter	Cooking	5	-2	1	001	005	003
Residential	SM_Sub_Meter	Cooking	5	-1	1	001	005	003
Residential	SM_Sub_Meter	Cooking	5	0	1	001	005	003
Residential	SM_Sub_Meter	Cooking	5	1	1	001	005	003
Residential	SM_Sub_Meter	Cooking	5	2	1	001	005	003
Residential	SM_Sub_Meter	Cooking	5	3	1	001	005	003
Residential	SM_Sub_Meter	Cooking	5	4	1	001	005	003
Residential	SM_Sub_Meter	Cooking	5	5	1	001	005	003
Residential	SM_Sub_Meter	Cooking	6	-2	1	001	005	003
Residential	SM_Sub_Meter	Cooking	6	-1	1	001	005	003
Residential	SM_Sub_Meter	Cooking	6	0	1	001	005	003
Residential	SM_Sub_Meter	Cooking	6	1	1	001	005	003
Residential	SM_Sub_Meter	Cooking	6	2	1	001	005	003
Residential	SM_Sub_Meter	Cooking	6	3	1	001	005	003
Residential	SM_Sub_Meter	Cooking	6	4	1	001	005	003

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	SM_Sub_Meter	Cooking	6	5	1	001	005	003
Residential	SM_Sub_Meter	Cooking	6	6	1	001	005	003
Residential	SM_Sub_Meter	Cooking	7	-2	1	001	005	003
Residential	SM_Sub_Meter	Cooking	7	-1	1	001	005	003
Residential	SM_Sub_Meter	Cooking	7	0	1	001	005	003
Residential	SM_Sub_Meter	Cooking	7	1	1	001	005	003
Residential	SM_Sub_Meter	Cooking	7	2	1	001	005	003
Residential	SM_Sub_Meter	Cooking	7	3	1	001	005	003
Residential	SM_Sub_Meter	Cooking	7	4	1	001	005	003
Residential	SM_Sub_Meter	Cooking	7	5	1	001	005	003
Residential	SM_Sub_Meter	Cooking	7	6	1	001	005	003
Residential	SM_Sub_Meter	Cooking	7	7	1	001	005	003
Residential	SM_Sub_Meter	Cooking	8	-2	1	001	005	003
Residential	SM_Sub_Meter	Cooking	8	-1	1	001	005	003
Residential	SM_Sub_Meter	Cooking	8	0	1	001	005	003
Residential	SM_Sub_Meter	Cooking	8	1	1	001	005	003
Residential	SM_Sub_Meter	Cooking	8	2	1	001	005	003
Residential	SM_Sub_Meter	Cooking	8	3	1	001	005	003
Residential	SM_Sub_Meter	Cooking	8	4	1	001	005	003
Residential	SM_Sub_Meter	Cooking	8	5	1	001	005	003
Residential	SM_Sub_Meter	Cooking	8	6	1	001	005	003
Residential	SM_Sub_Meter	Cooking	8	7	1	001	005	003
Residential	SM_Sub_Meter	Cooking	8	8	1	001	005	003
Residential	SM_Sub_Meter	Cooking	9	-2	1	001	005	003
Residential	SM_Sub_Meter	Cooking	9	-1	1	001	005	003
Residential	SM_Sub_Meter	Cooking	9	0	1	001	005	003
Residential	SM_Sub_Meter	Cooking	9	1	1	001	005	003
Residential	SM_Sub_Meter	Cooking	9	2	1	001	005	003
Residential	SM_Sub_Meter	Cooking	9	3	1	001	005	003
Residential	SM_Sub_Meter	Cooking	9	4	1	001	005	003
Residential	SM_Sub_Meter	Cooking	9	5	1	001	005	003
Residential	SM_Sub_Meter	Cooking	9	6	1	001	005	003
Residential	SM_Sub_Meter	Cooking	9	7	1	001	005	003

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	SM_Sub_Meter	Cooking	9	8	1	001	005	003
Residential	SM_Sub_Meter	Cooking	9	9	1	001	005	003
Residential	SM_Sub_Meter	Cooking	10	-2	1	001	005	003
Residential	SM_Sub_Meter	Cooking	10	-1	1	001	005	003
Residential	SM_Sub_Meter	Cooking	10	0	1	001	005	003
Residential	SM_Sub_Meter	Cooking	10	1	1	001	005	003
Residential	SM_Sub_Meter	Cooking	10	2	1	001	005	003
Residential	SM_Sub_Meter	Cooking	10	3	1	001	005	003
Residential	SM_Sub_Meter	Cooking	10	4	1	001	005	003
Residential	SM_Sub_Meter	Cooking	10	5	1	001	005	003
Residential	SM_Sub_Meter	Cooking	10	6	1	001	005	003
Residential	SM_Sub_Meter	Cooking	10	7	1	001	005	003
Residential	SM_Sub_Meter	Cooking	10	8	1	001	005	003
Residential	SM_Sub_Meter	Cooking	10	9	1	001	005	003
Residential	SM_Sub_Meter	Cooking	10	10	1	001	005	003
Residential	SM_Sub_Meter	Cooking	11	-2	1	001	005	003
Residential	SM_Sub_Meter	Cooking	11	-1	1	001	005	003
Residential	SM_Sub_Meter	Cooking	11	0	1	001	005	003
Residential	SM_Sub_Meter	Cooking	11	1	1	001	005	003
Residential	SM_Sub_Meter	Cooking	11	2	1	001	005	003
Residential	SM_Sub_Meter	Cooking	11	3	1	001	005	003
Residential	SM_Sub_Meter	Cooking	11	4	1	001	005	003
Residential	SM_Sub_Meter	Cooking	11	5	1	001	005	003
Residential	SM_Sub_Meter	Cooking	11	6	1	001	005	003
Residential	SM_Sub_Meter	Cooking	11	7	1	001	005	003
Residential	SM_Sub_Meter	Cooking	11	8	1	001	005	003
Residential	SM_Sub_Meter	Cooking	11	9	1	001	005	003
Residential	SM_Sub_Meter	Cooking	11	10	1	001	005	003
Residential	SM_Sub_Meter	Cooking	11	11	1	001	005	003
Residential	SM_Sub_Meter	Cooking	12	-2	1	001	005	003
Residential	SM_Sub_Meter	Cooking	12	-1	1	001	005	003
Residential	SM_Sub_Meter	Cooking	12	0	1	001	005	003
Residential	SM_Sub_Meter	Cooking	12	1	1	001	005	003

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	SM_Sub_Meter	Cooking	12	2	1	001	005	003
Residential	SM_Sub_Meter	Cooking	12	3	1	001	005	003
Residential	SM_Sub_Meter	Cooking	12	4	1	001	005	003
Residential	SM_Sub_Meter	Cooking	12	5	1	001	005	003
Residential	SM_Sub_Meter	Cooking	12	6	1	001	005	003
Residential	SM_Sub_Meter	Cooking	12	7	1	001	005	003
Residential	SM_Sub_Meter	Cooking	12	8	1	001	005	003
Residential	SM_Sub_Meter	Cooking	12	9	1	001	005	003
Residential	SM_Sub_Meter	Cooking	12	10	1	001	005	003
Residential	SM_Sub_Meter	Cooking	12	11	1	001	005	003
Residential	SM_Sub_Meter	Cooking	12	12	1	001	005	003
Residential	SM_Sub_Meter	Cooking	13	-2	1	001	005	003
Residential	SM_Sub_Meter	Cooking	13	-1	1	001	005	003
Residential	SM_Sub_Meter	Cooking	13	0	1	001	005	003
Residential	SM_Sub_Meter	Cooking	13	1	1	001	005	003
Residential	SM_Sub_Meter	Cooking	13	2	1	001	005	003
Residential	SM_Sub_Meter	Cooking	13	3	1	001	005	003
Residential	SM_Sub_Meter	Cooking	13	4	1	001	005	003
Residential	SM_Sub_Meter	Cooking	13	5	1	001	005	003
Residential	SM_Sub_Meter	Cooking	13	6	1	001	005	003
Residential	SM_Sub_Meter	Cooking	13	7	1	001	005	003
Residential	SM_Sub_Meter	Cooking	13	8	1	001	005	003
Residential	SM_Sub_Meter	Cooking	13	9	1	001	005	003
Residential	SM_Sub_Meter	Cooking	13	10	1	001	005	003
Residential	SM_Sub_Meter	Cooking	13	11	1	001	005	003
Residential	SM_Sub_Meter	Cooking	13	12	1	001	005	003
Residential	SM_Sub_Meter	Cooking	13	13	1	001	005	003
Residential	SM_Sub_Meter	Cooking	14	-2	1	001	005	003
Residential	SM_Sub_Meter	Cooking	14	-1	1	001	005	003
Residential	SM_Sub_Meter	Cooking	14	0	1	001	005	003
Residential	SM_Sub_Meter	Cooking	14	1	1	001	005	003
Residential	SM_Sub_Meter	Cooking	14	2	1	001	005	003
Residential	SM_Sub_Meter	Cooking	14	3	1	001	005	003

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	SM_Sub_Meter	Cooking	14	4		1	001	005 003
Residential	SM_Sub_Meter	Cooking	14	5		1	001	005 003
Residential	SM_Sub_Meter	Cooking	14	6		1	001	005 003
Residential	SM_Sub_Meter	Cooking	14	7		1	001	005 003
Residential	SM_Sub_Meter	Cooking	14	8		1	001	005 003
Residential	SM_Sub_Meter	Cooking	14	9		1	001	005 003
Residential	SM_Sub_Meter	Cooking	14	10		1	001	005 003
Residential	SM_Sub_Meter	Cooking	14	11		1	001	005 003
Residential	SM_Sub_Meter	Cooking	14	12		1	001	005 003
Residential	SM_Sub_Meter	Cooking	14	13		1	001	005 003
Residential	SM_Sub_Meter	Cooking	14	14		1	001	005 003
Residential	SM_Sub_Meter	Cooking	15	-2		1	001	005 003
Residential	SM_Sub_Meter	Cooking	15	-1		1	001	005 003
Residential	SM_Sub_Meter	Cooking	15	0		1	001	005 003
Residential	SM_Sub_Meter	Cooking	15	1		1	001	005 003
Residential	SM_Sub_Meter	Cooking	15	2		1	001	005 003
Residential	SM_Sub_Meter	Cooking	15	3		1	001	005 003
Residential	SM_Sub_Meter	Cooking	15	4		1	001	005 003
Residential	SM_Sub_Meter	Cooking	15	5		1	001	005 003
Residential	SM_Sub_Meter	Cooking	15	6		1	001	005 003
Residential	SM_Sub_Meter	Cooking	15	7		1	001	005 003
Residential	SM_Sub_Meter	Cooking	15	8		1	001	005 003
Residential	SM_Sub_Meter	Cooking	15	9		1	001	005 003
Residential	SM_Sub_Meter	Cooking	15	10		1	001	005 003
Residential	SM_Sub_Meter	Cooking	15	11		1	001	005 003
Residential	SM_Sub_Meter	Cooking	15	12		1	001	005 003
Residential	SM_Sub_Meter	Cooking	15	13		1	001	005 003
Residential	SM_Sub_Meter	Cooking	15	14		1	001	005 003
Residential	SM_Sub_Meter	Cooking	15	15		1	001	005 003
Residential	SM_Sub_Meter	Drying	0	-2	0.47158	001	005	004
Residential	SM_Sub_Meter	Drying	0	-1	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	0	0	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	1	-2	0.47158	001	005	004

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	SM_Sub_Meter	Drying	1	-1	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	1	0	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	1	1	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	2	-2	0.47158	001	005	004
Residential	SM_Sub_Meter	Drying	2	-1	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	2	0	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	2	1	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	2	2	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	3	-2	0.47158	001	005	004
Residential	SM_Sub_Meter	Drying	3	-1	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	3	0	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	3	1	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	3	2	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	3	3	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	4	-2	0.47158	001	005	004
Residential	SM_Sub_Meter	Drying	4	-1	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	4	0	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	4	1	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	4	2	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	4	3	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	4	4	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	5	-2	0.47158	001	005	004
Residential	SM_Sub_Meter	Drying	5	-1	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	5	0	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	5	1	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	5	2	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	5	3	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	5	4	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	5	5	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	6	-2	0.47158	001	005	004
Residential	SM_Sub_Meter	Drying	6	-1	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	6	0	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	6	1	0.57182	001	005	004

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	SM_Sub_Meter	Drying	6	2	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	6	3	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	6	4	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	6	5	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	6	6	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	7	-2	0.47158	001	005	004
Residential	SM_Sub_Meter	Drying	7	-1	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	7	0	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	7	1	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	7	2	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	7	3	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	7	4	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	7	5	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	7	6	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	7	7	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	8	-2	0.47158	001	005	004
Residential	SM_Sub_Meter	Drying	8	-1	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	8	0	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	8	1	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	8	2	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	8	3	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	8	4	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	8	5	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	8	6	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	8	7	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	8	8	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	9	-2	0.47158	001	005	004
Residential	SM_Sub_Meter	Drying	9	-1	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	9	0	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	9	1	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	9	2	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	9	3	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	9	4	0.57182	001	005	004

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	SM_Sub_Meter	Drying	9	5	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	9	6	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	9	7	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	9	8	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	9	9	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	10	-2	0.47158	001	005	004
Residential	SM_Sub_Meter	Drying	10	-1	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	10	0	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	10	1	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	10	2	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	10	3	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	10	4	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	10	5	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	10	6	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	10	7	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	10	8	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	10	9	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	10	10	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	11	-2	0.47158	001	005	004
Residential	SM_Sub_Meter	Drying	11	-1	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	11	0	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	11	1	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	11	2	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	11	3	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	11	4	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	11	5	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	11	6	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	11	7	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	11	8	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	11	9	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	11	10	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	11	11	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	12	-2	0.47158	001	005	004

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	SM_Sub_Meter	Drying	12	-1	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	12	0	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	12	1	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	12	2	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	12	3	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	12	4	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	12	5	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	12	6	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	12	7	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	12	8	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	12	9	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	12	10	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	12	11	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	12	12	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	13	-2	0.47158	001	005	004
Residential	SM_Sub_Meter	Drying	13	-1	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	13	0	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	13	1	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	13	2	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	13	3	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	13	4	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	13	5	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	13	6	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	13	7	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	13	8	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	13	9	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	13	10	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	13	11	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	13	12	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	13	13	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	14	-2	0.47158	001	005	004
Residential	SM_Sub_Meter	Drying	14	-1	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	14	0	0.57182	001	005	004

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	SM_Sub_Meter	Drying	14	1	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	14	2	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	14	3	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	14	4	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	14	5	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	14	6	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	14	7	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	14	8	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	14	9	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	14	10	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	14	11	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	14	12	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	14	13	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	14	14	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	15	-2	0.47158	001	005	004
Residential	SM_Sub_Meter	Drying	15	-1	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	15	0	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	15	1	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	15	2	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	15	3	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	15	4	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	15	5	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	15	6	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	15	7	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	15	8	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	15	9	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	15	10	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	15	11	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	15	12	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	15	13	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	15	14	0.57182	001	005	004
Residential	SM_Sub_Meter	Drying	15	15	0.57182	001	005	004
Residential	SM_Sub_Meter	Barbecue	0	-2	0.07424	001	005	008

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	SM_Sub_Meter	Barbecue	0	-1	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	0	0	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	1	-2	0.07424	001	005	008
Residential	SM_Sub_Meter	Barbecue	1	-1	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	1	0	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	1	1	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	2	-2	0.07424	001	005	008
Residential	SM_Sub_Meter	Barbecue	2	-1	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	2	0	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	2	1	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	2	2	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	3	-2	0.07424	001	005	008
Residential	SM_Sub_Meter	Barbecue	3	-1	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	3	0	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	3	1	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	3	2	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	3	3	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	4	-2	0.07424	001	005	008
Residential	SM_Sub_Meter	Barbecue	4	-1	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	4	0	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	4	1	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	4	2	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	4	3	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	4	4	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	5	-2	0.07424	001	005	008
Residential	SM_Sub_Meter	Barbecue	5	-1	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	5	0	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	5	1	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	5	2	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	5	3	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	5	4	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	5	5	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	6	-2	0.07424	001	005	008

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	SM_Sub_Meter	Barbecue	6	-1	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	6	0	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	6	1	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	6	2	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	6	3	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	6	4	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	6	5	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	6	6	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	7	-2	0.07424	001	005	008
Residential	SM_Sub_Meter	Barbecue	7	-1	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	7	0	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	7	1	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	7	2	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	7	3	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	7	4	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	7	5	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	7	6	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	7	7	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	8	-2	0.07424	001	005	008
Residential	SM_Sub_Meter	Barbecue	8	-1	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	8	0	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	8	1	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	8	2	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	8	3	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	8	4	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	8	5	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	8	6	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	8	7	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	8	8	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	9	-2	0.07424	001	005	008
Residential	SM_Sub_Meter	Barbecue	9	-1	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	9	0	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	9	1	0.10179	001	005	008

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	SM_Sub_Meter	Barbecue	9	2	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	9	3	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	9	4	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	9	5	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	9	6	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	9	7	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	9	8	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	9	9	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	10	-2	0.07424	001	005	008
Residential	SM_Sub_Meter	Barbecue	10	-1	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	10	0	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	10	1	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	10	2	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	10	3	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	10	4	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	10	5	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	10	6	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	10	7	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	10	8	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	10	9	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	10	10	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	11	-2	0.07424	001	005	008
Residential	SM_Sub_Meter	Barbecue	11	-1	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	11	0	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	11	1	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	11	2	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	11	3	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	11	4	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	11	5	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	11	6	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	11	7	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	11	8	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	11	9	0.10179	001	005	008

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	SM_Sub_Meter	Barbecue	11	10	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	11	11	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	12	-2	0.07424	001	005	008
Residential	SM_Sub_Meter	Barbecue	12	-1	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	12	0	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	12	1	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	12	2	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	12	3	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	12	4	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	12	5	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	12	6	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	12	7	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	12	8	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	12	9	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	12	10	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	12	11	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	12	12	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	13	-2	0.07424	001	005	008
Residential	SM_Sub_Meter	Barbecue	13	-1	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	13	0	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	13	1	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	13	2	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	13	3	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	13	4	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	13	5	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	13	6	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	13	7	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	13	8	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	13	9	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	13	10	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	13	11	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	13	12	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	13	13	0.10179	001	005	008

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	SM_Sub_Meter	Barbecue	14	-2	0.07424	001	005	008
Residential	SM_Sub_Meter	Barbecue	14	-1	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	14	0	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	14	1	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	14	2	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	14	3	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	14	4	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	14	5	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	14	6	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	14	7	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	14	8	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	14	9	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	14	10	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	14	11	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	14	12	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	14	13	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	14	14	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	15	-2	0.07424	001	005	008
Residential	SM_Sub_Meter	Barbecue	15	-1	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	15	0	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	15	1	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	15	2	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	15	3	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	15	4	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	15	5	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	15	6	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	15	7	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	15	8	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	15	9	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	15	10	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	15	11	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	15	12	0.10179	001	005	008
Residential	SM_Sub_Meter	Barbecue	15	13	0.10179	001	005	008

zName	bName	nName	year	vintage	saturation	z	b	n	
Residential	SM_Sub_Meter	Barbecue	15	14	0.10179	001	005	008	
Residential	SM_Sub_Meter	Barbecue	15	15	0.10179	001	005	008	
Residential	SM_Sub_Meter	Other	0	-2		1	001	005	009
Residential	SM_Sub_Meter	Other	0	-1		1	001	005	009
Residential	SM_Sub_Meter	Other	0	0		1	001	005	009
Residential	SM_Sub_Meter	Other	1	-2		1	001	005	009
Residential	SM_Sub_Meter	Other	1	-1		1	001	005	009
Residential	SM_Sub_Meter	Other	1	0		1	001	005	009
Residential	SM_Sub_Meter	Other	1	1		1	001	005	009
Residential	SM_Sub_Meter	Other	2	-2		1	001	005	009
Residential	SM_Sub_Meter	Other	2	-1		1	001	005	009
Residential	SM_Sub_Meter	Other	2	0		1	001	005	009
Residential	SM_Sub_Meter	Other	2	1		1	001	005	009
Residential	SM_Sub_Meter	Other	2	2		1	001	005	009
Residential	SM_Sub_Meter	Other	3	-2		1	001	005	009
Residential	SM_Sub_Meter	Other	3	-1		1	001	005	009
Residential	SM_Sub_Meter	Other	3	0		1	001	005	009
Residential	SM_Sub_Meter	Other	3	1		1	001	005	009
Residential	SM_Sub_Meter	Other	3	2		1	001	005	009
Residential	SM_Sub_Meter	Other	3	3		1	001	005	009
Residential	SM_Sub_Meter	Other	4	-2		1	001	005	009
Residential	SM_Sub_Meter	Other	4	-1		1	001	005	009
Residential	SM_Sub_Meter	Other	4	0		1	001	005	009
Residential	SM_Sub_Meter	Other	4	1		1	001	005	009
Residential	SM_Sub_Meter	Other	4	2		1	001	005	009
Residential	SM_Sub_Meter	Other	4	3		1	001	005	009
Residential	SM_Sub_Meter	Other	4	4		1	001	005	009
Residential	SM_Sub_Meter	Other	5	-2		1	001	005	009
Residential	SM_Sub_Meter	Other	5	-1		1	001	005	009
Residential	SM_Sub_Meter	Other	5	0		1	001	005	009
Residential	SM_Sub_Meter	Other	5	1		1	001	005	009
Residential	SM_Sub_Meter	Other	5	2		1	001	005	009
Residential	SM_Sub_Meter	Other	5	3		1	001	005	009

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	SM_Sub_Meter	Other	5	4		1	001	005 009
Residential	SM_Sub_Meter	Other	5	5		1	001	005 009
Residential	SM_Sub_Meter	Other	6	-2		1	001	005 009
Residential	SM_Sub_Meter	Other	6	-1		1	001	005 009
Residential	SM_Sub_Meter	Other	6	0		1	001	005 009
Residential	SM_Sub_Meter	Other	6	1		1	001	005 009
Residential	SM_Sub_Meter	Other	6	2		1	001	005 009
Residential	SM_Sub_Meter	Other	6	3		1	001	005 009
Residential	SM_Sub_Meter	Other	6	4		1	001	005 009
Residential	SM_Sub_Meter	Other	6	5		1	001	005 009
Residential	SM_Sub_Meter	Other	6	6		1	001	005 009
Residential	SM_Sub_Meter	Other	7	-2		1	001	005 009
Residential	SM_Sub_Meter	Other	7	-1		1	001	005 009
Residential	SM_Sub_Meter	Other	7	0		1	001	005 009
Residential	SM_Sub_Meter	Other	7	1		1	001	005 009
Residential	SM_Sub_Meter	Other	7	2		1	001	005 009
Residential	SM_Sub_Meter	Other	7	3		1	001	005 009
Residential	SM_Sub_Meter	Other	7	4		1	001	005 009
Residential	SM_Sub_Meter	Other	7	5		1	001	005 009
Residential	SM_Sub_Meter	Other	7	6		1	001	005 009
Residential	SM_Sub_Meter	Other	7	7		1	001	005 009
Residential	SM_Sub_Meter	Other	8	-2		1	001	005 009
Residential	SM_Sub_Meter	Other	8	-1		1	001	005 009
Residential	SM_Sub_Meter	Other	8	0		1	001	005 009
Residential	SM_Sub_Meter	Other	8	1		1	001	005 009
Residential	SM_Sub_Meter	Other	8	2		1	001	005 009
Residential	SM_Sub_Meter	Other	8	3		1	001	005 009
Residential	SM_Sub_Meter	Other	8	4		1	001	005 009
Residential	SM_Sub_Meter	Other	8	5		1	001	005 009
Residential	SM_Sub_Meter	Other	8	6		1	001	005 009
Residential	SM_Sub_Meter	Other	8	7		1	001	005 009
Residential	SM_Sub_Meter	Other	8	8		1	001	005 009
Residential	SM_Sub_Meter	Other	9	-2		1	001	005 009

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	SM_Sub_Meter	Other	9	-1		1	001	005 009
Residential	SM_Sub_Meter	Other	9	0		1	001	005 009
Residential	SM_Sub_Meter	Other	9	1		1	001	005 009
Residential	SM_Sub_Meter	Other	9	2		1	001	005 009
Residential	SM_Sub_Meter	Other	9	3		1	001	005 009
Residential	SM_Sub_Meter	Other	9	4		1	001	005 009
Residential	SM_Sub_Meter	Other	9	5		1	001	005 009
Residential	SM_Sub_Meter	Other	9	6		1	001	005 009
Residential	SM_Sub_Meter	Other	9	7		1	001	005 009
Residential	SM_Sub_Meter	Other	9	8		1	001	005 009
Residential	SM_Sub_Meter	Other	9	9		1	001	005 009
Residential	SM_Sub_Meter	Other	10	-2		1	001	005 009
Residential	SM_Sub_Meter	Other	10	-1		1	001	005 009
Residential	SM_Sub_Meter	Other	10	0		1	001	005 009
Residential	SM_Sub_Meter	Other	10	1		1	001	005 009
Residential	SM_Sub_Meter	Other	10	2		1	001	005 009
Residential	SM_Sub_Meter	Other	10	3		1	001	005 009
Residential	SM_Sub_Meter	Other	10	4		1	001	005 009
Residential	SM_Sub_Meter	Other	10	5		1	001	005 009
Residential	SM_Sub_Meter	Other	10	6		1	001	005 009
Residential	SM_Sub_Meter	Other	10	7		1	001	005 009
Residential	SM_Sub_Meter	Other	10	8		1	001	005 009
Residential	SM_Sub_Meter	Other	10	9		1	001	005 009
Residential	SM_Sub_Meter	Other	10	10		1	001	005 009
Residential	SM_Sub_Meter	Other	11	-2		1	001	005 009
Residential	SM_Sub_Meter	Other	11	-1		1	001	005 009
Residential	SM_Sub_Meter	Other	11	0		1	001	005 009
Residential	SM_Sub_Meter	Other	11	1		1	001	005 009
Residential	SM_Sub_Meter	Other	11	2		1	001	005 009
Residential	SM_Sub_Meter	Other	11	3		1	001	005 009
Residential	SM_Sub_Meter	Other	11	4		1	001	005 009
Residential	SM_Sub_Meter	Other	11	5		1	001	005 009
Residential	SM_Sub_Meter	Other	11	6		1	001	005 009

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	SM_Sub_Meter	Other	11	7	1	001	005	009
Residential	SM_Sub_Meter	Other	11	8	1	001	005	009
Residential	SM_Sub_Meter	Other	11	9	1	001	005	009
Residential	SM_Sub_Meter	Other	11	10	1	001	005	009
Residential	SM_Sub_Meter	Other	11	11	1	001	005	009
Residential	SM_Sub_Meter	Other	12	-2	1	001	005	009
Residential	SM_Sub_Meter	Other	12	-1	1	001	005	009
Residential	SM_Sub_Meter	Other	12	0	1	001	005	009
Residential	SM_Sub_Meter	Other	12	1	1	001	005	009
Residential	SM_Sub_Meter	Other	12	2	1	001	005	009
Residential	SM_Sub_Meter	Other	12	3	1	001	005	009
Residential	SM_Sub_Meter	Other	12	4	1	001	005	009
Residential	SM_Sub_Meter	Other	12	5	1	001	005	009
Residential	SM_Sub_Meter	Other	12	6	1	001	005	009
Residential	SM_Sub_Meter	Other	12	7	1	001	005	009
Residential	SM_Sub_Meter	Other	12	8	1	001	005	009
Residential	SM_Sub_Meter	Other	12	9	1	001	005	009
Residential	SM_Sub_Meter	Other	12	10	1	001	005	009
Residential	SM_Sub_Meter	Other	12	11	1	001	005	009
Residential	SM_Sub_Meter	Other	12	12	1	001	005	009
Residential	SM_Sub_Meter	Other	13	-2	1	001	005	009
Residential	SM_Sub_Meter	Other	13	-1	1	001	005	009
Residential	SM_Sub_Meter	Other	13	0	1	001	005	009
Residential	SM_Sub_Meter	Other	13	1	1	001	005	009
Residential	SM_Sub_Meter	Other	13	2	1	001	005	009
Residential	SM_Sub_Meter	Other	13	3	1	001	005	009
Residential	SM_Sub_Meter	Other	13	4	1	001	005	009
Residential	SM_Sub_Meter	Other	13	5	1	001	005	009
Residential	SM_Sub_Meter	Other	13	6	1	001	005	009
Residential	SM_Sub_Meter	Other	13	7	1	001	005	009
Residential	SM_Sub_Meter	Other	13	8	1	001	005	009
Residential	SM_Sub_Meter	Other	13	9	1	001	005	009
Residential	SM_Sub_Meter	Other	13	10	1	001	005	009

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	SM_Sub_Meter	Other	13	11		1	001	005 009
Residential	SM_Sub_Meter	Other	13	12		1	001	005 009
Residential	SM_Sub_Meter	Other	13	13		1	001	005 009
Residential	SM_Sub_Meter	Other	14	-2		1	001	005 009
Residential	SM_Sub_Meter	Other	14	-1		1	001	005 009
Residential	SM_Sub_Meter	Other	14	0		1	001	005 009
Residential	SM_Sub_Meter	Other	14	1		1	001	005 009
Residential	SM_Sub_Meter	Other	14	2		1	001	005 009
Residential	SM_Sub_Meter	Other	14	3		1	001	005 009
Residential	SM_Sub_Meter	Other	14	4		1	001	005 009
Residential	SM_Sub_Meter	Other	14	5		1	001	005 009
Residential	SM_Sub_Meter	Other	14	6		1	001	005 009
Residential	SM_Sub_Meter	Other	14	7		1	001	005 009
Residential	SM_Sub_Meter	Other	14	8		1	001	005 009
Residential	SM_Sub_Meter	Other	14	9		1	001	005 009
Residential	SM_Sub_Meter	Other	14	10		1	001	005 009
Residential	SM_Sub_Meter	Other	14	11		1	001	005 009
Residential	SM_Sub_Meter	Other	14	12		1	001	005 009
Residential	SM_Sub_Meter	Other	14	13		1	001	005 009
Residential	SM_Sub_Meter	Other	14	14		1	001	005 009
Residential	SM_Sub_Meter	Other	15	-2		1	001	005 009
Residential	SM_Sub_Meter	Other	15	-1		1	001	005 009
Residential	SM_Sub_Meter	Other	15	0		1	001	005 009
Residential	SM_Sub_Meter	Other	15	1		1	001	005 009
Residential	SM_Sub_Meter	Other	15	2		1	001	005 009
Residential	SM_Sub_Meter	Other	15	3		1	001	005 009
Residential	SM_Sub_Meter	Other	15	4		1	001	005 009
Residential	SM_Sub_Meter	Other	15	5		1	001	005 009
Residential	SM_Sub_Meter	Other	15	6		1	001	005 009
Residential	SM_Sub_Meter	Other	15	7		1	001	005 009
Residential	SM_Sub_Meter	Other	15	8		1	001	005 009
Residential	SM_Sub_Meter	Other	15	9		1	001	005 009
Residential	SM_Sub_Meter	Other	15	10		1	001	005 009

zName	bName	nName	year	vintage	saturation	z	b	n
Residential	SM_Sub_Meter	Other	15	11	1	001	005	009
Residential	SM_Sub_Meter	Other	15	12	1	001	005	009
Residential	SM_Sub_Meter	Other	15	13	1	001	005	009
Residential	SM_Sub_Meter	Other	15	14	1	001	005	009
Residential	SM_Sub_Meter	Other	15	15	1	001	005	009

San Diego Gas and Electric Residential Market E-Share Inputs

zName	bName	nName	fName	eName	z	b	n	f	e	baseAvgEShare	baseMargEShareExisting
Residential Single_Family		Space_Heat	Natural_Gas	Stock	001	001	001	1	1	0.06	0.06
Residential Single_Family		Space_Heat	Natural_Gas	Standard	001	001	001	1	2	0.78	0.78
Residential Single_Family		Space_Heat	Natural_Gas	High	001	001	001	1	3	0.14	0.14
Residential Single_Family		Space_Heat	Natural_Gas	Premium	001	001	001	1	4	0.02	0.02
Residential Single_Family		Space_Heat	Electric	Stock	001	001	001	2	1	1	1
Residential Single_Family		Water_Heat	Natural_Gas	Stock	001	001	002	1	1	0	0
Residential Single_Family		Water_Heat	Natural_Gas	Standard	001	001	002	1	2	0.64	0.64
Residential Single_Family		Water_Heat	Natural_Gas	High	001	001	002	1	3	0.34	0.34
Residential Single_Family		Water_Heat	Natural_Gas	Premium	001	001	002	1	4	0.02	0.02
Residential Single_Family		Water_Heat	Electric	Stock	001	001	002	2	1	0.1	0.1
Residential Single_Family		Water_Heat	Electric	Standard	001	001	002	2	2	0.68	0.68
Residential Single_Family		Water_Heat	Electric	High	001	001	002	2	3	0.21	0.21
Residential Single_Family		Water_Heat	Electric	Premium	001	001	002	2	4	0.01	0.01
Residential Single_Family		Cooking	Natural_Gas	Stock	001	001	003	1	1	0.17	0.17
Residential Single_Family		Cooking	Natural_Gas	Standard	001	001	003	1	2	0.83	0.83
Residential Single_Family		Cooking	Electric	Stock	001	001	003	2	1	0.9	0.9
Residential Single_Family		Cooking	Electric	Standard	001	001	003	2	2	0.1	0.1
Residential Single_Family		Drying	Natural_Gas	Stock	001	001	004	1	1	0.07	0.07
Residential Single_Family		Drying	Natural_Gas	Standard	001	001	004	1	2	0.93	0.93
Residential Single_Family		Drying	Electric	Stock	001	001	004	2	1	0.75	0.75
Residential Single_Family		Drying	Electric	Standard	001	001	004	2	2	0.25	0.25
Residential Single_Family		Pool	Natural_Gas	Stock	001	001	005	1	1	1	1
Residential Single_Family		Pool	Electric	Stock	001	001	005	2	1	1	1
Residential Single_Family		Spa	Natural_Gas	Stock	001	001	006	1	1	1	1
Residential Single_Family		Spa	Electric	Stock	001	001	006	2	1	1	1
Residential Single_Family		Fireplace	Natural_Gas	Stock	001	001	007	1	1	1	1
Residential Single_Family		Fireplace	Electric	Stock	001	001	007	2	1	1	1
Residential Single_Family		Barbecue	Natural_Gas	Stock	001	001	008	1	1	1	1
Residential Single_Family		Barbecue	Electric	Stock	001	001	008	2	1	1	1

zName	bName	nName	fName	eName	z	b	n	f	e	baseAvgEShare	baseMargEShare	Existing
Residential	Single_Family	Other	Natural_Gas	Stock	001	001	009	1	1	1		1
Residential	MF2_2_TO_4_Units	Space_Heat	Natural_Gas	Stock	001	002	001	1	1	0.02		0.02
Residential	MF2_2_TO_4_Units	Space_Heat	Natural_Gas	Standard	001	002	001	1	2	0.83		0.83
Residential	MF2_2_TO_4_Units	Space_Heat	Natural_Gas	High	001	002	001	1	3	0.12		0.12
Residential	MF2_2_TO_4_Units	Space_Heat	Natural_Gas	Premium	001	002	001	1	4	0.03		0.03
Residential	MF2_2_TO_4_Units	Space_Heat	Electric	Stock	001	002	001	2	1	1		1
Residential	MF2_2_TO_4_Units	Water_Heat	Natural_Gas	Stock	001	002	002	1	1	0		0
Residential	MF2_2_TO_4_Units	Water_Heat	Natural_Gas	Standard	001	002	002	1	2	0.55		0.55
Residential	MF2_2_TO_4_Units	Water_Heat	Natural_Gas	High	001	002	002	1	3	0.44		0.44
Residential	MF2_2_TO_4_Units	Water_Heat	Natural_Gas	Premium	001	002	002	1	4	0.01		0.01
Residential	MF2_2_TO_4_Units	Water_Heat	Electric	Stock	001	002	002	2	1	0.22		0.22
Residential	MF2_2_TO_4_Units	Water_Heat	Electric	Standard	001	002	002	2	2	0.61		0.61
Residential	MF2_2_TO_4_Units	Water_Heat	Electric	High	001	002	002	2	3	0.16		0.16
Residential	MF2_2_TO_4_Units	Water_Heat	Electric	Premium	001	002	002	2	4	0.01		0.01
Residential	MF2_2_TO_4_Units	Cooking	Natural_Gas	Stock	001	002	003	1	1	0.16		0.16
Residential	MF2_2_TO_4_Units	Cooking	Natural_Gas	Standard	001	002	003	1	2	0.84		0.84
Residential	MF2_2_TO_4_Units	Cooking	Electric	Stock	001	002	003	2	1	0.95		0.95
Residential	MF2_2_TO_4_Units	Cooking	Electric	Standard	001	002	003	2	2	0.05		0.05
Residential	MF2_2_TO_4_Units	Drying	Natural_Gas	Stock	001	002	004	1	1	0.06		0.06
Residential	MF2_2_TO_4_Units	Drying	Natural_Gas	Standard	001	002	004	1	2	0.94		0.94
Residential	MF2_2_TO_4_Units	Drying	Electric	Stock	001	002	004	2	1	0.75		0.75
Residential	MF2_2_TO_4_Units	Drying	Electric	Standard	001	002	004	2	2	0.25		0.25
Residential	MF2_2_TO_4_Units	Barbecue	Natural_Gas	Stock	001	002	008	1	1	1		1
Residential	MF2_2_TO_4_Units	Barbecue	Electric	Stock	001	002	008	2	1	1		1
Residential	MF2_2_TO_4_Units	Other	Natural_Gas	Stock	001	002	009	1	1	1		1
Residential	MF3_GE_5_Units	Space_Heat	Natural_Gas	Stock	001	003	001	1	1	0.41		0.41
Residential	MF3_GE_5_Units	Space_Heat	Natural_Gas	Standard	001	003	001	1	2	0.46		0.46
Residential	MF3_GE_5_Units	Space_Heat	Natural_Gas	High	001	003	001	1	3	0.008		0.008
Residential	MF3_GE_5_Units	Space_Heat	Natural_Gas	Premium	001	003	001	1	4	0.04		0.04
Residential	MF3_GE_5_Units	Space_Heat	Electric	Stock	001	003	001	2	1	1		1
Residential	MF3_GE_5_Units	Water_Heat	Natural_Gas	Stock	001	003	002	1	1	0		0
Residential	MF3_GE_5_Units	Water_Heat	Natural_Gas	Standard	001	003	002	1	2	0.61		0.61
Residential	MF3_GE_5_Units	Water_Heat	Natural_Gas	High	001	003	002	1	3	0.37		0.37

zName	bName	nName	fName	eName	z	b	n	f	e	baseAvgEShare	baseMargEShareExisting
Residential	MF3_GE_5_Units	Water_Heat	Natural_Gas	Premium	001	003	002	1	4	0.02	0.02
Residential	MF3_GE_5_Units	Water_Heat	Electric	Stock	001	003	002	2	1	0.13	0.13
Residential	MF3_GE_5_Units	Water_Heat	Electric	Standard	001	003	002	2	2	0.76	0.76
Residential	MF3_GE_5_Units	Water_Heat	Electric	High	001	003	002	2	3	0.1	0.1
Residential	MF3_GE_5_Units	Water_Heat	Electric	Premium	001	003	002	2	4	0.01	0.01
Residential	MF3_GE_5_Units	Cooking	Natural_Gas	Stock	001	003	003	1	1	0.18	0.18
Residential	MF3_GE_5_Units	Cooking	Natural_Gas	Standard	001	003	003	1	2	0.82	0.82
Residential	MF3_GE_5_Units	Cooking	Electric	Stock	001	003	003	2	1	0.95	0.95
Residential	MF3_GE_5_Units	Cooking	Electric	Standard	001	003	003	2	2	0.05	0.05
Residential	MF3_GE_5_Units	Drying	Natural_Gas	Stock	001	003	004	1	1	0.06	0.06
Residential	MF3_GE_5_Units	Drying	Natural_Gas	Standard	001	003	004	1	2	0.94	0.94
Residential	MF3_GE_5_Units	Drying	Electric	Stock	001	003	004	2	1	0.75	0.75
Residential	MF3_GE_5_Units	Drying	Electric	Standard	001	003	004	2	2	0.25	0.25
Residential	MF3_GE_5_Units	Barbecue	Natural_Gas	Stock	001	003	008	1	1	1	1
Residential	MF3_GE_5_Units	Barbecue	Electric	Stock	001	003	008	2	1	1	1
Residential	MF3_GE_5_Units	Other	Natural_Gas	Stock	001	003	009	1	1	1	1
Residential	MM_Master_Meter	Space_Heat	Natural_Gas	Stock	001	004	001	1	1	0.17	0.17
Residential	MM_Master_Meter	Space_Heat	Natural_Gas	Standard	001	004	001	1	2	0.69	0.69
Residential	MM_Master_Meter	Space_Heat	Natural_Gas	High	001	004	001	1	3	0.11	0.11
Residential	MM_Master_Meter	Space_Heat	Natural_Gas	Premium	001	004	001	1	4	0.03	0.03
Residential	MM_Master_Meter	Space_Heat	Electric	Stock	001	004	001	2	1	1	1
Residential	MM_Master_Meter	Water_Heat	Natural_Gas	Stock	001	004	002	1	1	0	0
Residential	MM_Master_Meter	Water_Heat	Natural_Gas	Standard	001	004	002	1	2	0.59	0.59
Residential	MM_Master_Meter	Water_Heat	Natural_Gas	High	001	004	002	1	3	0.39	0.39
Residential	MM_Master_Meter	Water_Heat	Natural_Gas	Premium	001	004	002	1	4	0.02	0.02
Residential	MM_Master_Meter	Water_Heat	Electric	Stock	001	004	002	2	1	0.13	0.13
Residential	MM_Master_Meter	Water_Heat	Electric	Standard	001	004	002	2	2	0.76	0.76
Residential	MM_Master_Meter	Water_Heat	Electric	High	001	004	002	2	3	0.1	0.1
Residential	MM_Master_Meter	Water_Heat	Electric	Premium	001	004	002	2	4	0.01	0.01
Residential	MM_Master_Meter	Cooking	Natural_Gas	Stock	001	004	003	1	1	0.17	0.17
Residential	MM_Master_Meter	Cooking	Natural_Gas	Standard	001	004	003	1	2	0.83	0.83
Residential	MM_Master_Meter	Cooking	Electric	Stock	001	004	003	2	1	0.95	0.95
Residential	MM_Master_Meter	Cooking	Electric	Standard	001	004	003	2	2	0.05	0.05

zName	bName	nName	fName	eName	z	b	n	f	e	baseAvgEShare	baseMargEShare	Existing
Residential	MM_Master_Meter	Drying	Natural_Gas	Stock	001	004	004	1	1	0.06		0.06
Residential	MM_Master_Meter	Drying	Natural_Gas	Standard	001	004	004	1	2	0.94		0.94
Residential	MM_Master_Meter	Drying	Electric	Stock	001	004	004	2	1	0.75		0.75
Residential	MM_Master_Meter	Drying	Electric	Standard	001	004	004	2	2	0.25		0.25
Residential	MM_Master_Meter	Barbecue	Natural_Gas	Stock	001	004	008	1	1	1		1
Residential	MM_Master_Meter	Barbecue	Electric	Stock	001	004	008	2	1	1		1
Residential	MM_Master_Meter	Other	Natural_Gas	Stock	001	004	009	1	1	1		1
Residential	SM_Sub_Meter	Space_Heat	Natural_Gas	Stock	001	005	001	1	1	0.06		0.06
Residential	SM_Sub_Meter	Space_Heat	Natural_Gas	Standard	001	005	001	1	2	0.78		0.78
Residential	SM_Sub_Meter	Space_Heat	Natural_Gas	High	001	005	001	1	3	0.14		0.14
Residential	SM_Sub_Meter	Space_Heat	Natural_Gas	Premium	001	005	001	1	4	0.02		0.02
Residential	SM_Sub_Meter	Space_Heat	Electric	Stock	001	005	001	2	1	1		1
Residential	SM_Sub_Meter	Water_Heat	Natural_Gas	Stock	001	005	002	1	1	0		0
Residential	SM_Sub_Meter	Water_Heat	Natural_Gas	Standard	001	005	002	1	2	0.64		0.64
Residential	SM_Sub_Meter	Water_Heat	Natural_Gas	High	001	005	002	1	3	0.34		0.34
Residential	SM_Sub_Meter	Water_Heat	Natural_Gas	Premium	001	005	002	1	4	0.02		0.02
Residential	SM_Sub_Meter	Water_Heat	Electric	Stock	001	005	002	2	1	0.1		0.1
Residential	SM_Sub_Meter	Water_Heat	Electric	Standard	001	005	002	2	2	0.68		0.68
Residential	SM_Sub_Meter	Water_Heat	Electric	High	001	005	002	2	3	0.21		0.21
Residential	SM_Sub_Meter	Water_Heat	Electric	Premium	001	005	002	2	4	0.01		0.01
Residential	SM_Sub_Meter	Cooking	Natural_Gas	Stock	001	005	003	1	1	0.17		0.17
Residential	SM_Sub_Meter	Cooking	Natural_Gas	Standard	001	005	003	1	2	0.83		0.83
Residential	SM_Sub_Meter	Cooking	Electric	Stock	001	005	003	2	1	0.95		0.95
Residential	SM_Sub_Meter	Cooking	Electric	Standard	001	005	003	2	2	0.05		0.05
Residential	SM_Sub_Meter	Drying	Natural_Gas	Stock	001	005	004	1	1	0.07		0.07
Residential	SM_Sub_Meter	Drying	Natural_Gas	Standard	001	005	004	1	2	0.93		0.93
Residential	SM_Sub_Meter	Drying	Electric	Stock	001	005	004	2	1	0.75		0.75
Residential	SM_Sub_Meter	Drying	Electric	Standard	001	005	004	2	2	0.25		0.25
Residential	SM_Sub_Meter	Barbecue	Natural_Gas	Stock	001	005	008	1	1	1		1
Residential	SM_Sub_Meter	Barbecue	Electric	Stock	001	005	008	2	1	1		1
Residential	SM_Sub_Meter	Other	Natural_Gas	Stock	001	005	009	1	1	1		1

San Diego Gas and Electric Residential Market E-Share I

zName	bName	nName	fName	eName	z	b	n	f	e	baseMargEShareConversion	baseMargEShareNew
Residential Single_Family	Space_Heat	Natural_Gas	Stock	001 001 001 1 1						0.06	0.06
Residential Single_Family	Space_Heat	Natural_Gas	Standard	001 001 001 1 2						0.78	0.78
Residential Single_Family	Space_Heat	Natural_Gas	High	001 001 001 1 3						0.14	0.14
Residential Single_Family	Space_Heat	Natural_Gas	Premium	001 001 001 1 4						0.02	0.02
Residential Single_Family	Space_Heat	Electric	Stock	001 001 001 2 1						1	1
Residential Single_Family	Water_Heat	Natural_Gas	Stock	001 001 002 1 1						0	0
Residential Single_Family	Water_Heat	Natural_Gas	Standard	001 001 002 1 2						0.64	0.64
Residential Single_Family	Water_Heat	Natural_Gas	High	001 001 002 1 3						0.34	0.34
Residential Single_Family	Water_Heat	Natural_Gas	Premium	001 001 002 1 4						0.02	0.02
Residential Single_Family	Water_Heat	Electric	Stock	001 001 002 2 1						0.1	0.1
Residential Single_Family	Water_Heat	Electric	Standard	001 001 002 2 2						0.68	0.68
Residential Single_Family	Water_Heat	Electric	High	001 001 002 2 3						0.21	0.21
Residential Single_Family	Water_Heat	Electric	Premium	001 001 002 2 4						0.01	0.01
Residential Single_Family	Cooking	Natural_Gas	Stock	001 001 003 1 1						0.17	0.17
Residential Single_Family	Cooking	Natural_Gas	Standard	001 001 003 1 2						0.83	0.83
Residential Single_Family	Cooking	Electric	Stock	001 001 003 2 1						0.9	0.9
Residential Single_Family	Cooking	Electric	Standard	001 001 003 2 2						0.1	0.1
Residential Single_Family	Drying	Natural_Gas	Stock	001 001 004 1 1						0.07	0.07
Residential Single_Family	Drying	Natural_Gas	Standard	001 001 004 1 2						0.93	0.93
Residential Single_Family	Drying	Electric	Stock	001 001 004 2 1						0.75	0.75
Residential Single_Family	Drying	Electric	Standard	001 001 004 2 2						0.25	0.25
Residential Single_Family	Pool	Natural_Gas	Stock	001 001 005 1 1						1	1
Residential Single_Family	Pool	Electric	Stock	001 001 005 2 1						1	1
Residential Single_Family	Spa	Natural_Gas	Stock	001 001 006 1 1						1	1
Residential Single_Family	Spa	Electric	Stock	001 001 006 2 1						1	1
Residential Single_Family	Fireplace	Natural_Gas	Stock	001 001 007 1 1						1	1
Residential Single_Family	Fireplace	Electric	Stock	001 001 007 2 1						1	1
Residential Single_Family	Barbecue	Natural_Gas	Stock	001 001 008 1 1						1	1
Residential Single_Family	Barbecue	Electric	Stock	001 001 008 2 1						1	1

zName	bName	nName	fName	eName	z	b	n	f	e	baseMargEShareConversion	baseMargEShareNew
Residential	Single_Family	Other	Natural_Gas	Stock	001	001	009	1	1	1	1
Residential	MF2_2_TO_4_Units	Space_Heat	Natural_Gas	Stock	001	002	001	1	1	0.02	0.02
Residential	MF2_2_TO_4_Units	Space_Heat	Natural_Gas	Standard	001	002	001	1	2	0.83	0.83
Residential	MF2_2_TO_4_Units	Space_Heat	Natural_Gas	High	001	002	001	1	3	0.12	0.12
Residential	MF2_2_TO_4_Units	Space_Heat	Natural_Gas	Premium	001	002	001	1	4	0.03	0.03
Residential	MF2_2_TO_4_Units	Space_Heat	Electric	Stock	001	002	001	2	1	1	1
Residential	MF2_2_TO_4_Units	Water_Heat	Natural_Gas	Stock	001	002	002	1	1	0	0
Residential	MF2_2_TO_4_Units	Water_Heat	Natural_Gas	Standard	001	002	002	1	2	0.55	0.55
Residential	MF2_2_TO_4_Units	Water_Heat	Natural_Gas	High	001	002	002	1	3	0.44	0.44
Residential	MF2_2_TO_4_Units	Water_Heat	Natural_Gas	Premium	001	002	002	1	4	0.01	0.01
Residential	MF2_2_TO_4_Units	Water_Heat	Electric	Stock	001	002	002	2	1	0.22	0.22
Residential	MF2_2_TO_4_Units	Water_Heat	Electric	Standard	001	002	002	2	2	0.61	0.61
Residential	MF2_2_TO_4_Units	Water_Heat	Electric	High	001	002	002	2	3	0.16	0.16
Residential	MF2_2_TO_4_Units	Water_Heat	Electric	Premium	001	002	002	2	4	0.01	0.01
Residential	MF2_2_TO_4_Units	Cooking	Natural_Gas	Stock	001	002	003	1	1	0.16	0.16
Residential	MF2_2_TO_4_Units	Cooking	Natural_Gas	Standard	001	002	003	1	2	0.84	0.84
Residential	MF2_2_TO_4_Units	Cooking	Electric	Stock	001	002	003	2	1	0.95	0.95
Residential	MF2_2_TO_4_Units	Cooking	Electric	Standard	001	002	003	2	2	0.05	0.05
Residential	MF2_2_TO_4_Units	Drying	Natural_Gas	Stock	001	002	004	1	1	0.06	0.06
Residential	MF2_2_TO_4_Units	Drying	Natural_Gas	Standard	001	002	004	1	2	0.94	0.94
Residential	MF2_2_TO_4_Units	Drying	Electric	Stock	001	002	004	2	1	0.75	0.75
Residential	MF2_2_TO_4_Units	Drying	Electric	Standard	001	002	004	2	2	0.25	0.25
Residential	MF2_2_TO_4_Units	Barbecue	Natural_Gas	Stock	001	002	008	1	1	1	1
Residential	MF2_2_TO_4_Units	Barbecue	Electric	Stock	001	002	008	2	1	1	1
Residential	MF2_2_TO_4_Units	Other	Natural_Gas	Stock	001	002	009	1	1	1	1
Residential	MF3_GE_5_Units	Space_Heat	Natural_Gas	Stock	001	003	001	1	1	0.41	0.41
Residential	MF3_GE_5_Units	Space_Heat	Natural_Gas	Standard	001	003	001	1	2	0.46	0.46
Residential	MF3_GE_5_Units	Space_Heat	Natural_Gas	High	001	003	001	1	3	0.008	0.008
Residential	MF3_GE_5_Units	Space_Heat	Natural_Gas	Premium	001	003	001	1	4	0.04	0.04
Residential	MF3_GE_5_Units	Space_Heat	Electric	Stock	001	003	001	2	1	1	1
Residential	MF3_GE_5_Units	Water_Heat	Natural_Gas	Stock	001	003	002	1	1	0	0
Residential	MF3_GE_5_Units	Water_Heat	Natural_Gas	Standard	001	003	002	1	2	0.61	0.61
Residential	MF3_GE_5_Units	Water_Heat	Natural_Gas	High	001	003	002	1	3	0.37	0.37

zName	bName	nName	fName	eName	z	b	n	f	e	baseMargEShareConversion	baseMargEShareNew
Residential	MF3_GE_5_Units	Water_Heat	Natural_Gas	Premium	001	003	002	1	4	0.02	0.02
Residential	MF3_GE_5_Units	Water_Heat	Electric	Stock	001	003	002	2	1	0.13	0.13
Residential	MF3_GE_5_Units	Water_Heat	Electric	Standard	001	003	002	2	2	0.76	0.76
Residential	MF3_GE_5_Units	Water_Heat	Electric	High	001	003	002	2	3	0.1	0.1
Residential	MF3_GE_5_Units	Water_Heat	Electric	Premium	001	003	002	2	4	0.01	0.01
Residential	MF3_GE_5_Units	Cooking	Natural_Gas	Stock	001	003	003	1	1	0.18	0.18
Residential	MF3_GE_5_Units	Cooking	Natural_Gas	Standard	001	003	003	1	2	0.82	0.82
Residential	MF3_GE_5_Units	Cooking	Electric	Stock	001	003	003	2	1	0.95	0.95
Residential	MF3_GE_5_Units	Cooking	Electric	Standard	001	003	003	2	2	0.05	0.05
Residential	MF3_GE_5_Units	Drying	Natural_Gas	Stock	001	003	004	1	1	0.06	0.06
Residential	MF3_GE_5_Units	Drying	Natural_Gas	Standard	001	003	004	1	2	0.94	0.94
Residential	MF3_GE_5_Units	Drying	Electric	Stock	001	003	004	2	1	0.75	0.75
Residential	MF3_GE_5_Units	Drying	Electric	Standard	001	003	004	2	2	0.25	0.25
Residential	MF3_GE_5_Units	Barbecue	Natural_Gas	Stock	001	003	008	1	1	1	1
Residential	MF3_GE_5_Units	Barbecue	Electric	Stock	001	003	008	2	1	1	1
Residential	MF3_GE_5_Units	Other	Natural_Gas	Stock	001	003	009	1	1	1	1
Residential	MM_Master_Meter	Space_Heat	Natural_Gas	Stock	001	004	001	1	1	0.17	0.17
Residential	MM_Master_Meter	Space_Heat	Natural_Gas	Standard	001	004	001	1	2	0.69	0.69
Residential	MM_Master_Meter	Space_Heat	Natural_Gas	High	001	004	001	1	3	0.11	0.11
Residential	MM_Master_Meter	Space_Heat	Natural_Gas	Premium	001	004	001	1	4	0.03	0.03
Residential	MM_Master_Meter	Space_Heat	Electric	Stock	001	004	001	2	1	1	1
Residential	MM_Master_Meter	Water_Heat	Natural_Gas	Stock	001	004	002	1	1	0	0
Residential	MM_Master_Meter	Water_Heat	Natural_Gas	Standard	001	004	002	1	2	0.59	0.59
Residential	MM_Master_Meter	Water_Heat	Natural_Gas	High	001	004	002	1	3	0.39	0.39
Residential	MM_Master_Meter	Water_Heat	Natural_Gas	Premium	001	004	002	1	4	0.02	0.02
Residential	MM_Master_Meter	Water_Heat	Electric	Stock	001	004	002	2	1	0.13	0.13
Residential	MM_Master_Meter	Water_Heat	Electric	Standard	001	004	002	2	2	0.76	0.76
Residential	MM_Master_Meter	Water_Heat	Electric	High	001	004	002	2	3	0.1	0.1
Residential	MM_Master_Meter	Water_Heat	Electric	Premium	001	004	002	2	4	0.01	0.01
Residential	MM_Master_Meter	Cooking	Natural_Gas	Stock	001	004	003	1	1	0.17	0.17
Residential	MM_Master_Meter	Cooking	Natural_Gas	Standard	001	004	003	1	2	0.83	0.83
Residential	MM_Master_Meter	Cooking	Electric	Stock	001	004	003	2	1	0.95	0.95
Residential	MM_Master_Meter	Cooking	Electric	Standard	001	004	003	2	2	0.05	0.05

zName	bName	nName	fName	eName	z	b	n	f	e	baseMargEShareConversion	baseMargEShareNew
Residential	MM_Master_Meter	Drying	Natural_Gas	Stock	001	004	004	1	1	0.06	0.06
Residential	MM_Master_Meter	Drying	Natural_Gas	Standard	001	004	004	1	2	0.94	0.94
Residential	MM_Master_Meter	Drying	Electric	Stock	001	004	004	2	1	0.75	0.75
Residential	MM_Master_Meter	Drying	Electric	Standard	001	004	004	2	2	0.25	0.25
Residential	MM_Master_Meter	Barbecue	Natural_Gas	Stock	001	004	008	1	1	1	1
Residential	MM_Master_Meter	Barbecue	Electric	Stock	001	004	008	2	1	1	1
Residential	MM_Master_Meter	Other	Natural_Gas	Stock	001	004	009	1	1	1	1
Residential	SM_Sub_Meter	Space_Heat	Natural_Gas	Stock	001	005	001	1	1	0.06	0.06
Residential	SM_Sub_Meter	Space_Heat	Natural_Gas	Standard	001	005	001	1	2	0.78	0.78
Residential	SM_Sub_Meter	Space_Heat	Natural_Gas	High	001	005	001	1	3	0.14	0.14
Residential	SM_Sub_Meter	Space_Heat	Natural_Gas	Premium	001	005	001	1	4	0.02	0.02
Residential	SM_Sub_Meter	Space_Heat	Electric	Stock	001	005	001	2	1	1	1
Residential	SM_Sub_Meter	Water_Heat	Natural_Gas	Stock	001	005	002	1	1	0	0
Residential	SM_Sub_Meter	Water_Heat	Natural_Gas	Standard	001	005	002	1	2	0.64	0.64
Residential	SM_Sub_Meter	Water_Heat	Natural_Gas	High	001	005	002	1	3	0.34	0.34
Residential	SM_Sub_Meter	Water_Heat	Natural_Gas	Premium	001	005	002	1	4	0.02	0.02
Residential	SM_Sub_Meter	Water_Heat	Electric	Stock	001	005	002	2	1	0.1	0.1
Residential	SM_Sub_Meter	Water_Heat	Electric	Standard	001	005	002	2	2	0.68	0.68
Residential	SM_Sub_Meter	Water_Heat	Electric	High	001	005	002	2	3	0.21	0.21
Residential	SM_Sub_Meter	Water_Heat	Electric	Premium	001	005	002	2	4	0.01	0.01
Residential	SM_Sub_Meter	Cooking	Natural_Gas	Stock	001	005	003	1	1	0.17	0.17
Residential	SM_Sub_Meter	Cooking	Natural_Gas	Standard	001	005	003	1	2	0.83	0.83
Residential	SM_Sub_Meter	Cooking	Electric	Stock	001	005	003	2	1	0.95	0.95
Residential	SM_Sub_Meter	Cooking	Electric	Standard	001	005	003	2	2	0.05	0.05
Residential	SM_Sub_Meter	Drying	Natural_Gas	Stock	001	005	004	1	1	0.07	0.07
Residential	SM_Sub_Meter	Drying	Natural_Gas	Standard	001	005	004	1	2	0.93	0.93
Residential	SM_Sub_Meter	Drying	Electric	Stock	001	005	004	2	1	0.75	0.75
Residential	SM_Sub_Meter	Drying	Electric	Standard	001	005	004	2	2	0.25	0.25
Residential	SM_Sub_Meter	Barbecue	Natural_Gas	Stock	001	005	008	1	1	1	1
Residential	SM_Sub_Meter	Barbecue	Electric	Stock	001	005	008	2	1	1	1
Residential	SM_Sub_Meter	Other	Natural_Gas	Stock	001	005	009	1	1	1	1

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zName	bName	nName	fName	eName	z	b	n	f	e	peakDayLoadFactor
Residential Single_Family		Space_Heat	Natural_Gas	Stock	001	001	001	1	1	0.002739726
Residential Single_Family		Space_Heat	Natural_Gas	Standard	001	001	001	1	2	0.002739726
Residential Single_Family		Space_Heat	Natural_Gas	High	001	001	001	1	3	0.002739726
Residential Single_Family		Space_Heat	Natural_Gas	Premium	001	001	001	1	4	0.002739726
Residential Single_Family		Space_Heat	Electric	Stock	001	001	001	2	1	0.002739726
Residential Single_Family		Water_Heat	Natural_Gas	Stock	001	001	002	1	1	0.002739726
Residential Single_Family		Water_Heat	Natural_Gas	Standard	001	001	002	1	2	0.002739726
Residential Single_Family		Water_Heat	Natural_Gas	High	001	001	002	1	3	0.002739726
Residential Single_Family		Water_Heat	Natural_Gas	Premium	001	001	002	1	4	0.002739726
Residential Single_Family		Water_Heat	Electric	Stock	001	001	002	2	1	0.002739726
Residential Single_Family		Water_Heat	Electric	Standard	001	001	002	2	2	0.002739726
Residential Single_Family		Water_Heat	Electric	High	001	001	002	2	3	0.002739726
Residential Single_Family		Water_Heat	Electric	Premium	001	001	002	2	4	0.002739726
Residential Single_Family		Cooking	Natural_Gas	Stock	001	001	003	1	1	0.002739726
Residential Single_Family		Cooking	Natural_Gas	Standard	001	001	003	1	2	0.002739726
Residential Single_Family		Cooking	Electric	Stock	001	001	003	2	1	0.002739726
Residential Single_Family		Cooking	Electric	Standard	001	001	003	2	2	0.002739726
Residential Single_Family		Drying	Natural_Gas	Stock	001	001	004	1	1	0.002739726
Residential Single_Family		Drying	Natural_Gas	Standard	001	001	004	1	2	0.002739726
Residential Single_Family		Drying	Electric	Stock	001	001	004	2	1	0.002739726
Residential Single_Family		Drying	Electric	Standard	001	001	004	2	2	0.002739726
Residential Single_Family		Pool	Natural_Gas	Stock	001	001	005	1	1	0.002739726
Residential Single_Family		Pool	Electric	Stock	001	001	005	2	1	0.002739726
Residential Single_Family		Spa	Natural_Gas	Stock	001	001	006	1	1	0.002739726
Residential Single_Family		Spa	Electric	Stock	001	001	006	2	1	0.002739726
Residential Single_Family		Fireplace	Natural_Gas	Stock	001	001	007	1	1	0.002739726
Residential Single_Family		Fireplace	Electric	Stock	001	001	007	2	1	0.002739726
Residential Single_Family		Barbecue	Natural_Gas	Stock	001	001	008	1	1	0.002739726
Residential Single_Family		Barbecue	Electric	Stock	001	001	008	2	1	0.002739726

zName	bName	nName	fName	eName	z	b	n	f	e	peakDayLoadFactor
Residential	Single_Family	Other	Natural_Gas	Stock	001	001	009	1	1	0.002739726
Residential	MF2_2_TO_4_Units	Space_Heat	Natural_Gas	Stock	001	002	001	1	1	0.002739726
Residential	MF2_2_TO_4_Units	Space_Heat	Natural_Gas	Standard	001	002	001	1	2	0.002739726
Residential	MF2_2_TO_4_Units	Space_Heat	Natural_Gas	High	001	002	001	1	3	0.002739726
Residential	MF2_2_TO_4_Units	Space_Heat	Natural_Gas	Premium	001	002	001	1	4	0.002739726
Residential	MF2_2_TO_4_Units	Space_Heat	Electric	Stock	001	002	001	2	1	0.002739726
Residential	MF2_2_TO_4_Units	Water_Heat	Natural_Gas	Stock	001	002	002	1	1	0.002739726
Residential	MF2_2_TO_4_Units	Water_Heat	Natural_Gas	Standard	001	002	002	1	2	0.002739726
Residential	MF2_2_TO_4_Units	Water_Heat	Natural_Gas	High	001	002	002	1	3	0.002739726
Residential	MF2_2_TO_4_Units	Water_Heat	Natural_Gas	Premium	001	002	002	1	4	0.002739726
Residential	MF2_2_TO_4_Units	Water_Heat	Electric	Stock	001	002	002	2	1	0.002739726
Residential	MF2_2_TO_4_Units	Water_Heat	Electric	Standard	001	002	002	2	2	0.002739726
Residential	MF2_2_TO_4_Units	Water_Heat	Electric	High	001	002	002	2	3	0.002739726
Residential	MF2_2_TO_4_Units	Water_Heat	Electric	Premium	001	002	002	2	4	0.002739726
Residential	MF2_2_TO_4_Units	Cooking	Natural_Gas	Stock	001	002	003	1	1	0.002739726
Residential	MF2_2_TO_4_Units	Cooking	Natural_Gas	Standard	001	002	003	1	2	0.002739726
Residential	MF2_2_TO_4_Units	Cooking	Electric	Stock	001	002	003	2	1	0.002739726
Residential	MF2_2_TO_4_Units	Cooking	Electric	Standard	001	002	003	2	2	0.002739726
Residential	MF2_2_TO_4_Units	Drying	Natural_Gas	Stock	001	002	004	1	1	0.002739726
Residential	MF2_2_TO_4_Units	Drying	Natural_Gas	Standard	001	002	004	1	2	0.002739726
Residential	MF2_2_TO_4_Units	Drying	Electric	Stock	001	002	004	2	1	0.002739726
Residential	MF2_2_TO_4_Units	Drying	Electric	Standard	001	002	004	2	2	0.002739726
Residential	MF2_2_TO_4_Units	Barbecue	Natural_Gas	Stock	001	002	008	1	1	0.002739726
Residential	MF2_2_TO_4_Units	Barbecue	Electric	Stock	001	002	008	2	1	0.002739726
Residential	MF2_2_TO_4_Units	Other	Natural_Gas	Stock	001	002	009	1	1	0.002739726
Residential	MF3_GE_5_Units	Space_Heat	Natural_Gas	Stock	001	003	001	1	1	0.002739726
Residential	MF3_GE_5_Units	Space_Heat	Natural_Gas	Standard	001	003	001	1	2	0.002739726
Residential	MF3_GE_5_Units	Space_Heat	Natural_Gas	High	001	003	001	1	3	0.002739726
Residential	MF3_GE_5_Units	Space_Heat	Natural_Gas	Premium	001	003	001	1	4	0.002739726
Residential	MF3_GE_5_Units	Space_Heat	Electric	Stock	001	003	001	2	1	0.002739726
Residential	MF3_GE_5_Units	Water_Heat	Natural_Gas	Stock	001	003	002	1	1	0.002739726
Residential	MF3_GE_5_Units	Water_Heat	Natural_Gas	Standard	001	003	002	1	2	0.002739726
Residential	MF3_GE_5_Units	Water_Heat	Natural_Gas	High	001	003	002	1	3	0.002739726

zName	bName	nName	fName	eName	z	b	n	f	e	peakDayLoadFactor
Residential	MF3_GE_5_Units	Water_Heat	Natural_Gas	Premium	001	003	002	1	4	0.002739726
Residential	MF3_GE_5_Units	Water_Heat	Electric	Stock	001	003	002	2	1	0.002739726
Residential	MF3_GE_5_Units	Water_Heat	Electric	Standard	001	003	002	2	2	0.002739726
Residential	MF3_GE_5_Units	Water_Heat	Electric	High	001	003	002	2	3	0.002739726
Residential	MF3_GE_5_Units	Water_Heat	Electric	Premium	001	003	002	2	4	0.002739726
Residential	MF3_GE_5_Units	Cooking	Natural_Gas	Stock	001	003	003	1	1	0.002739726
Residential	MF3_GE_5_Units	Cooking	Natural_Gas	Standard	001	003	003	1	2	0.002739726
Residential	MF3_GE_5_Units	Cooking	Electric	Stock	001	003	003	2	1	0.002739726
Residential	MF3_GE_5_Units	Cooking	Electric	Standard	001	003	003	2	2	0.002739726
Residential	MF3_GE_5_Units	Drying	Natural_Gas	Stock	001	003	004	1	1	0.002739726
Residential	MF3_GE_5_Units	Drying	Natural_Gas	Standard	001	003	004	1	2	0.002739726
Residential	MF3_GE_5_Units	Drying	Electric	Stock	001	003	004	2	1	0.002739726
Residential	MF3_GE_5_Units	Drying	Electric	Standard	001	003	004	2	2	0.002739726
Residential	MF3_GE_5_Units	Barbecue	Natural_Gas	Stock	001	003	008	1	1	0.002739726
Residential	MF3_GE_5_Units	Barbecue	Electric	Stock	001	003	008	2	1	0.002739726
Residential	MF3_GE_5_Units	Other	Natural_Gas	Stock	001	003	009	1	1	0.002739726
Residential	MM_Master_Meter	Space_Heat	Natural_Gas	Stock	001	004	001	1	1	0.002739726
Residential	MM_Master_Meter	Space_Heat	Natural_Gas	Standard	001	004	001	1	2	0.002739726
Residential	MM_Master_Meter	Space_Heat	Natural_Gas	High	001	004	001	1	3	0.002739726
Residential	MM_Master_Meter	Space_Heat	Natural_Gas	Premium	001	004	001	1	4	0.002739726
Residential	MM_Master_Meter	Space_Heat	Electric	Stock	001	004	001	2	1	0.002739726
Residential	MM_Master_Meter	Water_Heat	Natural_Gas	Stock	001	004	002	1	1	0.002739726
Residential	MM_Master_Meter	Water_Heat	Natural_Gas	Standard	001	004	002	1	2	0.002739726
Residential	MM_Master_Meter	Water_Heat	Natural_Gas	High	001	004	002	1	3	0.002739726
Residential	MM_Master_Meter	Water_Heat	Natural_Gas	Premium	001	004	002	1	4	0.002739726
Residential	MM_Master_Meter	Water_Heat	Electric	Stock	001	004	002	2	1	0.002739726
Residential	MM_Master_Meter	Water_Heat	Electric	Standard	001	004	002	2	2	0.002739726
Residential	MM_Master_Meter	Water_Heat	Electric	High	001	004	002	2	3	0.002739726
Residential	MM_Master_Meter	Water_Heat	Electric	Premium	001	004	002	2	4	0.002739726
Residential	MM_Master_Meter	Cooking	Natural_Gas	Stock	001	004	003	1	1	0.002739726
Residential	MM_Master_Meter	Cooking	Natural_Gas	Standard	001	004	003	1	2	0.002739726
Residential	MM_Master_Meter	Cooking	Electric	Stock	001	004	003	2	1	0.002739726
Residential	MM_Master_Meter	Cooking	Electric	Standard	001	004	003	2	2	0.002739726

zName	bName	nName	fName	eName	z	b	n	f	e	peakDayLoadFactor
Residential	MM_Master_Meter	Drying	Natural_Gas	Stock	001	004	004	1	1	0.002739726
Residential	MM_Master_Meter	Drying	Natural_Gas	Standard	001	004	004	1	2	0.002739726
Residential	MM_Master_Meter	Drying	Electric	Stock	001	004	004	2	1	0.002739726
Residential	MM_Master_Meter	Drying	Electric	Standard	001	004	004	2	2	0.002739726
Residential	MM_Master_Meter	Barbecue	Natural_Gas	Stock	001	004	008	1	1	0.002739726
Residential	MM_Master_Meter	Barbecue	Electric	Stock	001	004	008	2	1	0.002739726
Residential	MM_Master_Meter	Other	Natural_Gas	Stock	001	004	009	1	1	0.002739726
Residential	SM_Sub_Meter	Space_Heat	Natural_Gas	Stock	001	005	001	1	1	0.002739726
Residential	SM_Sub_Meter	Space_Heat	Natural_Gas	Standard	001	005	001	1	2	0.002739726
Residential	SM_Sub_Meter	Space_Heat	Natural_Gas	High	001	005	001	1	3	0.002739726
Residential	SM_Sub_Meter	Space_Heat	Natural_Gas	Premium	001	005	001	1	4	0.002739726
Residential	SM_Sub_Meter	Space_Heat	Electric	Stock	001	005	001	2	1	0.002739726
Residential	SM_Sub_Meter	Water_Heat	Natural_Gas	Stock	001	005	002	1	1	0.002739726
Residential	SM_Sub_Meter	Water_Heat	Natural_Gas	Standard	001	005	002	1	2	0.002739726
Residential	SM_Sub_Meter	Water_Heat	Natural_Gas	High	001	005	002	1	3	0.002739726
Residential	SM_Sub_Meter	Water_Heat	Natural_Gas	Premium	001	005	002	1	4	0.002739726
Residential	SM_Sub_Meter	Water_Heat	Electric	Stock	001	005	002	2	1	0.002739726
Residential	SM_Sub_Meter	Water_Heat	Electric	Standard	001	005	002	2	2	0.002739726
Residential	SM_Sub_Meter	Water_Heat	Electric	High	001	005	002	2	3	0.002739726
Residential	SM_Sub_Meter	Water_Heat	Electric	Premium	001	005	002	2	4	0.002739726
Residential	SM_Sub_Meter	Cooking	Natural_Gas	Stock	001	005	003	1	1	0.002739726
Residential	SM_Sub_Meter	Cooking	Natural_Gas	Standard	001	005	003	1	2	0.002739726
Residential	SM_Sub_Meter	Cooking	Electric	Stock	001	005	003	2	1	0.002739726
Residential	SM_Sub_Meter	Cooking	Electric	Standard	001	005	003	2	2	0.002739726
Residential	SM_Sub_Meter	Drying	Natural_Gas	Stock	001	005	004	1	1	0.002739726
Residential	SM_Sub_Meter	Drying	Natural_Gas	Standard	001	005	004	1	2	0.002739726
Residential	SM_Sub_Meter	Drying	Electric	Stock	001	005	004	2	1	0.002739726
Residential	SM_Sub_Meter	Drying	Electric	Standard	001	005	004	2	2	0.002739726
Residential	SM_Sub_Meter	Barbecue	Natural_Gas	Stock	001	005	008	1	1	0.002739726
Residential	SM_Sub_Meter	Barbecue	Electric	Stock	001	005	008	2	1	0.002739726
Residential	SM_Sub_Meter	Other	Natural_Gas	Stock	001	005	009	1	1	0.002739726

San Diego Gas & Electric Residential Market: F Share Inputs

zName	bName	nName	fName	z	b	n	f	baseAvgFShare	baseMargFShareExisting	baseMargFShareConversion
Residential	Single_Family	Space_Heat	Natural_Gas	001	001	001	1	0.97607	0.922753357	0.922753357
Residential	Single_Family	Space_Heat	Electric	001	001	001	2	0.02393	0.077246643	0.077246643
Residential	Single_Family	Water_Heat	Natural_Gas	001	001	002	1	0.99743	0.958312924	1
Residential	Single_Family	Water_Heat	Electric	001	001	002	2	0.00257	0.041687076	0
Residential	Single_Family	Cooking	Natural_Gas	001	001	003	1	0.73715	0.723421156	0.723421156
Residential	Single_Family	Cooking	Electric	001	001	003	2	0.26285	0.276578844	0.276578844
Residential	Single_Family	Drying	Natural_Gas	001	001	004	1	0.74407	0.760039071	0.760039071
Residential	Single_Family	Drying	Electric	001	001	004	2	0.25593	0.239960929	0.239960929
Residential	Single_Family	Pool	Natural_Gas	001	001	005	1	0.21802	0.808709672	0.808709672
Residential	Single_Family	Pool	Electric	001	001	005	2	0.78198	0.191290328	0.191290328
Residential	Single_Family	Spa	Natural_Gas	001	001	006	1	0.39471	0.535153293	0.535153293
Residential	Single_Family	Spa	Electric	001	001	006	2	0.60529	0.464846707	0.464846707
Residential	Single_Family	Fireplace	Natural_Gas	001	001	007	1	0.34917	0.581563136	0.581563136
Residential	Single_Family	Fireplace	Electric	001	001	007	2	0.65083	0.418436864	0.418436864
Residential	Single_Family	Barbecue	Natural_Gas	001	001	008	1	0.248	0.233711209	0.233711209
Residential	Single_Family	Barbecue	Electric	001	001	008	2	0.752	0.766288791	0.766288791
Residential	Single_Family	Other	Natural_Gas	001	001	009	1	1	1	1
Residential	MF2_2_TO_4_Units	Space_Heat	Natural_Gas	001	002	001	1	0.93456	0.916761865	0.916761865
Residential	MF2_2_TO_4_Units	Space_Heat	Electric	001	002	001	2	0.06544	0.083238135	0.083238135
Residential	MF2_2_TO_4_Units	Water_Heat	Natural_Gas	001	002	002	1	0.95	0.963744862	1
Residential	MF2_2_TO_4_Units	Water_Heat	Electric	001	002	002	2	0.05	0.036255138	0
Residential	MF2_2_TO_4_Units	Cooking	Natural_Gas	001	002	003	1	0.49159	0.768358086	0.768358086
Residential	MF2_2_TO_4_Units	Cooking	Electric	001	002	003	2	0.50841	0.231641914	0.231641914
Residential	MF2_2_TO_4_Units	Drying	Natural_Gas	001	002	004	1	0.55931	0.722859745	0.722859745
Residential	MF2_2_TO_4_Units	Drying	Electric	001	002	004	2	0.44069	0.277140255	0.277140255
Residential	MF2_2_TO_4_Units	Barbecue	Natural_Gas	001	002	008	1	0.16951	0.20207569	0.20207569
Residential	MF2_2_TO_4_Units	Barbecue	Electric	001	002	008	2	0.83049	0.79792431	0.79792431
Residential	MF2_2_TO_4_Units	Other	Natural_Gas	001	002	009	1	1	1	1
Residential	MF3_GE_5_Units	Space_Heat	Natural_Gas	001	003	001	1	0.87178	0.850991428	0.850991428
Residential	MF3_GE_5_Units	Space_Heat	Electric	001	003	001	2	0.12822	0.149008572	0.149008572

zName	bName	nName	fName	z	b	n	f	baseAvgFShare	baseMargFShareExisting	baseMargFShareConversion
Residential	MF3_GE_5_Units	Water_Heat	Natural_Gas	001	003	002	1	0.75963	0.902447158	1
Residential	MF3_GE_5_Units	Water_Heat	Electric	001	003	002	2	0.24037	0.097552842	0
Residential	MF3_GE_5_Units	Cooking	Natural_Gas	001	003	003	1	0.62866	0.860093177	0.860093177
Residential	MF3_GE_5_Units	Cooking	Electric	001	003	003	2	0.37134	0.139906823	0.139906823
Residential	MF3_GE_5_Units	Drying	Natural_Gas	001	003	004	1	0.37218	0.664849831	0.664849831
Residential	MF3_GE_5_Units	Drying	Electric	001	003	004	2	0.62782	0.335150169	0.335150169
Residential	MF3_GE_5_Units	Barbecue	Natural_Gas	001	003	008	1	0.31362	0.141486694	0.141486694
Residential	MF3_GE_5_Units	Barbecue	Electric	001	003	008	2	0.68638	0.858513306	0.858513306
Residential	MF3_GE_5_Units	Other	Natural_Gas	001	003	009	1	1	1	1
Residential	MM_Master_Meter	Space_Heat	Natural_Gas	001	004	001	1	0.92461	0.96097894	0.96097894
Residential	MM_Master_Meter	Space_Heat	Electric	001	004	001	2	0.07539	0.03902106	0.03902106
Residential	MM_Master_Meter	Water_Heat	Natural_Gas	001	004	002	1	0.92997	0.961358896	1
Residential	MM_Master_Meter	Water_Heat	Electric	001	004	002	2	0.07003	0.038641104	0
Residential	MM_Master_Meter	Cooking	Natural_Gas	001	004	003	1	0.81058	0.874390507	0.874390507
Residential	MM_Master_Meter	Cooking	Electric	001	004	003	2	0.18942	0.125609493	0.125609493
Residential	MM_Master_Meter	Drying	Natural_Gas	001	004	004	1	0.703062484	0.718982088	0.718982088
Residential	MM_Master_Meter	Drying	Electric	001	004	004	2	0.296937516	0.281017912	0.281017912
Residential	MM_Master_Meter	Barbecue	Natural_Gas	001	004	008	1	0.892335374	0.022999709	0.022999709
Residential	MM_Master_Meter	Barbecue	Electric	001	004	008	2	0.107664626	0.977000291	0.977000291
Residential	MM_Master_Meter	Other	Natural_Gas	001	004	009	1	1	1	1
Residential	SM_Sub_Meter	Space_Heat	Natural_Gas	001	005	001	1	0.92461	0.96097894	0.96097894
Residential	SM_Sub_Meter	Space_Heat	Electric	001	005	001	2	0.07539	0.03902106	0.03902106
Residential	SM_Sub_Meter	Water_Heat	Natural_Gas	001	005	002	1	0.92997	0.961358896	1
Residential	SM_Sub_Meter	Water_Heat	Electric	001	005	002	2	0.07003	0.038641104	0
Residential	SM_Sub_Meter	Cooking	Natural_Gas	001	005	003	1	0.81058	0.874390507	0.874390507
Residential	SM_Sub_Meter	Cooking	Electric	001	005	003	2	0.18942	0.125609493	0.125609493
Residential	SM_Sub_Meter	Drying	Natural_Gas	001	005	004	1	0.703062484	0.718982088	0.718982088
Residential	SM_Sub_Meter	Drying	Electric	001	005	004	2	0.296937516	0.281017912	0.281017912
Residential	SM_Sub_Meter	Barbecue	Natural_Gas	001	005	008	1	0.892335374	0.022999709	0.022999709
Residential	SM_Sub_Meter	Barbecue	Electric	001	005	008	2	0.107664626	0.977000291	0.977000291
Residential	SM_Sub_Meter	Other	Natural_Gas	001	005	009	1	1	1	1

San Diego Gas & Electr Residential Market: F S

zName	bName	nName	fName	z	b	n	f	baseMarg	FShare	New
Residential	Single_Family	Space_Heat	Natural_Gas	001	001	001	1		0.98629	
Residential	Single_Family	Space_Heat	Electric	001	001	001	2		0.01371	
Residential	Single_Family	Water_Heat	Natural_Gas	001	001	002	1		1	
Residential	Single_Family	Water_Heat	Electric	001	001	002	2		0	
Residential	Single_Family	Cooking	Natural_Gas	001	001	003	1		0.86323	
Residential	Single_Family	Cooking	Electric	001	001	003	2		0.13677	
Residential	Single_Family	Drying	Natural_Gas	001	001	004	1		0.83394	
Residential	Single_Family	Drying	Electric	001	001	004	2		0.16606	
Residential	Single_Family	Pool	Natural_Gas	001	001	005	1		0.40316	
Residential	Single_Family	Pool	Electric	001	001	005	2		0.59684	
Residential	Single_Family	Spa	Natural_Gas	001	001	006	1		0.55333	
Residential	Single_Family	Spa	Electric	001	001	006	2		0.44667	
Residential	Single_Family	Fireplace	Natural_Gas	001	001	007	1		0.87654	
Residential	Single_Family	Fireplace	Electric	001	001	007	2		0.12346	
Residential	Single_Family	Barbecue	Natural_Gas	001	001	008	1		0.52829	
Residential	Single_Family	Barbecue	Electric	001	001	008	2		0.47171	
Residential	Single_Family	Other	Natural_Gas	001	001	009	1		1	
Residential	MF2_2_TO_4_Units	Space_Heat	Natural_Gas	001	002	001	1		0.94964	
Residential	MF2_2_TO_4_Units	Space_Heat	Electric	001	002	001	2		0.05036	
Residential	MF2_2_TO_4_Units	Water_Heat	Natural_Gas	001	002	002	1		1	
Residential	MF2_2_TO_4_Units	Water_Heat	Electric	001	002	002	2		0	
Residential	MF2_2_TO_4_Units	Cooking	Natural_Gas	001	002	003	1		0.94927	
Residential	MF2_2_TO_4_Units	Cooking	Electric	001	002	003	2		0.05073	
Residential	MF2_2_TO_4_Units	Drying	Natural_Gas	001	002	004	1		0.55931	
Residential	MF2_2_TO_4_Units	Drying	Electric	001	002	004	2		0.44069	
Residential	MF2_2_TO_4_Units	Barbecue	Natural_Gas	001	002	008	1		0.30133	
Residential	MF2_2_TO_4_Units	Barbecue	Electric	001	002	008	2		0.69867	
Residential	MF2_2_TO_4_Units	Other	Natural_Gas	001	002	009	1		1	
Residential	MF3_GE_5_Units	Space_Heat	Natural_Gas	001	003	001	1		0.90941	
Residential	MF3_GE_5_Units	Space_Heat	Electric	001	003	001	2		0.09059	

zName	bName	nName	fName	z	b	n	f	baseMargFShareNew
Residential	MF3_GE_5_Units	Water_Heat	Natural_Gas	001	003	002	1	0.88611
Residential	MF3_GE_5_Units	Water_Heat	Electric	001	003	002	2	0.11389
Residential	MF3_GE_5_Units	Cooking	Natural_Gas	001	003	003	1	0.74596
Residential	MF3_GE_5_Units	Cooking	Electric	001	003	003	2	0.25404
Residential	MF3_GE_5_Units	Drying	Natural_Gas	001	003	004	1	0.65911
Residential	MF3_GE_5_Units	Drying	Electric	001	003	004	2	0.34089
Residential	MF3_GE_5_Units	Barbecue	Natural_Gas	001	003	008	1	0.2059
Residential	MF3_GE_5_Units	Barbecue	Electric	001	003	008	2	0.7941
Residential	MF3_GE_5_Units	Other	Natural_Gas	001	003	009	1	1
Residential	MM_Master_Meter	Space_Heat	Natural_Gas	001	004	001	1	0.6
Residential	MM_Master_Meter	Space_Heat	Electric	001	004	001	2	0.4
Residential	MM_Master_Meter	Water_Heat	Natural_Gas	001	004	002	1	1
Residential	MM_Master_Meter	Water_Heat	Electric	001	004	002	2	0
Residential	MM_Master_Meter	Cooking	Natural_Gas	001	004	003	1	0.6
Residential	MM_Master_Meter	Cooking	Electric	001	004	003	2	0.4
Residential	MM_Master_Meter	Drying	Natural_Gas	001	004	004	1	0.6
Residential	MM_Master_Meter	Drying	Electric	001	004	004	2	0.4
Residential	MM_Master_Meter	Barbecue	Natural_Gas	001	004	008	1	0
Residential	MM_Master_Meter	Barbecue	Electric	001	004	008	2	1
Residential	MM_Master_Meter	Other	Natural_Gas	001	004	009	1	1
Residential	SM_Sub_Meter	Space_Heat	Natural_Gas	001	005	001	1	1
Residential	SM_Sub_Meter	Space_Heat	Electric	001	005	001	2	0
Residential	SM_Sub_Meter	Water_Heat	Natural_Gas	001	005	002	1	1
Residential	SM_Sub_Meter	Water_Heat	Electric	001	005	002	2	0
Residential	SM_Sub_Meter	Cooking	Natural_Gas	001	005	003	1	1
Residential	SM_Sub_Meter	Cooking	Electric	001	005	003	2	0
Residential	SM_Sub_Meter	Drying	Natural_Gas	001	005	004	1	0
Residential	SM_Sub_Meter	Drying	Electric	001	005	004	2	1
Residential	SM_Sub_Meter	Barbecue	Natural_Gas	001	005	008	1	0
Residential	SM_Sub_Meter	Barbecue	Electric	001	005	008	2	1
Residential	SM_Sub_Meter	Other	Natural_Gas	001	005	009	1	1

San Diego Gas & Electric Residential Market Input: Equipment Age

zName	bName	nName	vintage	equipmentMaxAge	equipmentMeanAge	z	b	n	hvints
Residential	Single_Family	Space_Heat	-2	17	17	001	001	001	3
Residential	Single_Family	Space_Heat	-1	17	10	001	001	001	3
Residential	Single_Family	Space_Heat	0	17	3	001	001	001	3
Residential	Single_Family	Water_Heat	-2	7	7	001	001	002	3
Residential	Single_Family	Water_Heat	-1	7	7	001	001	002	3
Residential	Single_Family	Water_Heat	0	7	3	001	001	002	3
Residential	Single_Family	Cooking	-2	12	12	001	001	003	3
Residential	Single_Family	Cooking	-1	12	10	001	001	003	3
Residential	Single_Family	Cooking	0	12	2	001	001	003	3
Residential	Single_Family	Drying	-2	8	8	001	001	004	3
Residential	Single_Family	Drying	-1	8	8	001	001	004	3
Residential	Single_Family	Drying	0	8	6	001	001	004	3
Residential	Single_Family	Pool	-2	13	13	001	001	005	3
Residential	Single_Family	Pool	-1	13	9	001	001	005	3
Residential	Single_Family	Pool	0	13	3	001	001	005	3
Residential	Single_Family	Spa	-2	11	11	001	001	006	3
Residential	Single_Family	Spa	-1	11	8	001	001	006	3
Residential	Single_Family	Spa	0	11	3	001	001	006	3
Residential	Single_Family	Fireplace	-2	15	15	001	001	007	3
Residential	Single_Family	Fireplace	-1	15	15	001	001	007	3
Residential	Single_Family	Fireplace	0	15	15	001	001	007	3
Residential	Single_Family	Barbecue	-2	7	7	001	001	008	3
Residential	Single_Family	Barbecue	-1	7	7	001	001	008	3
Residential	Single_Family	Barbecue	0	7	5	001	001	008	3
Residential	Single_Family	Other	-2	15	15	001	001	009	3
Residential	Single_Family	Other	-1	15	15	001	001	009	3
Residential	Single_Family	Other	0	15	15	001	001	009	3
Residential	MF2_2_TO_4_Units	Space_Heat	-2	15	15	001	002	001	3
Residential	MF2_2_TO_4_Units	Space_Heat	-1	15	12	001	002	001	3
Residential	MF2_2_TO_4_Units	Space_Heat	0	15	4	001	002	001	3

zName	bName	nName	vintage	equipmentMaxAge	equipmentMeanAge	z	b	n	hvints
Residential	MF2_2_TO_4_Units	Water_Heat	-2	8	7	001	002	002	3
Residential	MF2_2_TO_4_Units	Water_Heat	-1	8	8	001	002	002	3
Residential	MF2_2_TO_4_Units	Water_Heat	0	8	2	001	002	002	3
Residential	MF2_2_TO_4_Units	Cooking	-2	10	10	001	002	003	3
Residential	MF2_2_TO_4_Units	Cooking	-1	10	9	001	002	003	3
Residential	MF2_2_TO_4_Units	Cooking	0	10	2	001	002	003	3
Residential	MF2_2_TO_4_Units	Drying	-2	9	7	001	002	004	3
Residential	MF2_2_TO_4_Units	Drying	-1	9	9	001	002	004	3
Residential	MF2_2_TO_4_Units	Drying	0	9	3	001	002	004	3
Residential	MF2_2_TO_4_Units	Barbecue	-2	6	5	001	002	008	3
Residential	MF2_2_TO_4_Units	Barbecue	-1	6	6	001	002	008	3
Residential	MF2_2_TO_4_Units	Barbecue	0	6	3	001	002	008	3
Residential	MF2_2_TO_4_Units	Other	-2	15	15	001	002	009	3
Residential	MF2_2_TO_4_Units	Other	-1	15	15	001	002	009	3
Residential	MF2_2_TO_4_Units	Other	0	15	15	001	002	009	3
Residential	MF3_GE_5_Units	Space_Heat	-2	15	15	001	003	001	3
Residential	MF3_GE_5_Units	Space_Heat	-1	15	11	001	003	001	3
Residential	MF3_GE_5_Units	Space_Heat	0	15	4	001	003	001	3
Residential	MF3_GE_5_Units	Water_Heat	-2	8	6	001	003	002	3
Residential	MF3_GE_5_Units	Water_Heat	-1	8	8	001	003	002	3
Residential	MF3_GE_5_Units	Water_Heat	0	8	4	001	003	002	3
Residential	MF3_GE_5_Units	Cooking	-2	11	10	001	003	003	3
Residential	MF3_GE_5_Units	Cooking	-1	11	11	001	003	003	3
Residential	MF3_GE_5_Units	Cooking	0	11	4	001	003	003	3
Residential	MF3_GE_5_Units	Drying	-2	8	6	001	003	004	3
Residential	MF3_GE_5_Units	Drying	-1	8	8	001	003	004	3
Residential	MF3_GE_5_Units	Drying	0	8	3	001	003	004	3
Residential	MF3_GE_5_Units	Barbecue	-2	5	5	001	003	008	3
Residential	MF3_GE_5_Units	Barbecue	-1	5	5	001	003	008	3
Residential	MF3_GE_5_Units	Barbecue	0	5	5	001	003	008	3
Residential	MF3_GE_5_Units	Other	-2	15	15	001	003	009	3
Residential	MF3_GE_5_Units	Other	-1	15	15	001	003	009	3
Residential	MF3_GE_5_Units	Other	0	15	15	001	003	009	3

zName	bName	nName	vintage	equipmentMaxAge	equipmentMeanAge	z	b	n	hvints
Residential	MM_Master_Meter	Space_Heat	-2	16	16	001	004	001	3
Residential	MM_Master_Meter	Space_Heat	-1	16	11	001	004	001	3
Residential	MM_Master_Meter	Space_Heat	0	16	4	001	004	001	3
Residential	MM_Master_Meter	Water_Heat	-2	8	6	001	004	002	3
Residential	MM_Master_Meter	Water_Heat	-1	8	8	001	004	002	3
Residential	MM_Master_Meter	Water_Heat	0	8	4	001	004	002	3
Residential	MM_Master_Meter	Cooking	-2	14	14	001	004	003	3
Residential	MM_Master_Meter	Cooking	-1	14	11	001	004	003	3
Residential	MM_Master_Meter	Cooking	0	14	3	001	004	003	3
Residential	MM_Master_Meter	Drying	-2	8	8	001	004	004	3
Residential	MM_Master_Meter	Drying	-1	8	8	001	004	004	3
Residential	MM_Master_Meter	Drying	0	8	4	001	004	004	3
Residential	MM_Master_Meter	Barbecue	-2	9	5	001	004	008	3
Residential	MM_Master_Meter	Barbecue	-1	9	9	001	004	008	3
Residential	MM_Master_Meter	Barbecue	0	9	2	001	004	008	3
Residential	MM_Master_Meter	Other	-2	15	15	001	004	009	3
Residential	MM_Master_Meter	Other	-1	15	15	001	004	009	3
Residential	MM_Master_Meter	Other	0	15	15	001	004	009	3
Residential	SM_Sub_Meter	Space_Heat	-2	16	16	001	005	001	3
Residential	SM_Sub_Meter	Space_Heat	-1	16	11	001	005	001	3
Residential	SM_Sub_Meter	Space_Heat	0	16	4	001	005	001	3
Residential	SM_Sub_Meter	Water_Heat	-2	8	6	001	005	002	3
Residential	SM_Sub_Meter	Water_Heat	-1	8	8	001	005	002	3
Residential	SM_Sub_Meter	Water_Heat	0	8	4	001	005	002	3
Residential	SM_Sub_Meter	Cooking	-2	14	14	001	005	003	3
Residential	SM_Sub_Meter	Cooking	-1	14	11	001	005	003	3
Residential	SM_Sub_Meter	Cooking	0	14	3	001	005	003	3
Residential	SM_Sub_Meter	Drying	-2	8	8	001	005	004	3
Residential	SM_Sub_Meter	Drying	-1	8	8	001	005	004	3
Residential	SM_Sub_Meter	Drying	0	8	4	001	005	004	3
Residential	SM_Sub_Meter	Barbecue	-2	9	5	001	005	008	3
Residential	SM_Sub_Meter	Barbecue	-1	9	9	001	005	008	3
Residential	SM_Sub_Meter	Barbecue	0	9	2	001	005	008	3

zName	bName	nName	vintage	equipmentMaxAge	equipmentMeanAge	z	b	n	hvints
Residential	SM_Sub_Meter	Other	-2	15	15	001	005	009	3
Residential	SM_Sub_Meter	Other	-1	15	15	001	005	009	3
Residential	SM_Sub_Meter	Other	0	15	15	001	005	009	3

San Diego Gas & Electric Residential Market Input: Equipment Decay

zName	bName	nName	fName	conType	equipmentDecayIndicator	equipmentDecayParm1	equipmentDecayParm2
Residential	Single_Family	Space_Heat	Natural_Gas	Existing	1	0.033333333	0
Residential	Single_Family	Space_Heat	Natural_Gas	New	2	0.995	1
Residential	Single_Family	Space_Heat	Electric	Existing	1	0.033333333	0
Residential	Single_Family	Space_Heat	Electric	New	2	0.995	1
Residential	Single_Family	Water_Heat	Natural_Gas	Existing	1	0.066666667	0
Residential	Single_Family	Water_Heat	Natural_Gas	New	2	0.995	1
Residential	Single_Family	Water_Heat	Electric	Existing	1	0.066666667	0
Residential	Single_Family	Water_Heat	Electric	New	2	0.995	1
Residential	Single_Family	Cooking	Natural_Gas	Existing	1	0.05	0
Residential	Single_Family	Cooking	Natural_Gas	New	2	0.995	1
Residential	Single_Family	Cooking	Electric	Existing	1	0.05	0
Residential	Single_Family	Cooking	Electric	New	2	0.995	1
Residential	Single_Family	Drying	Natural_Gas	Existing	1	0.066666667	0
Residential	Single_Family	Drying	Natural_Gas	New	2	0.995	1
Residential	Single_Family	Drying	Electric	Existing	1	0.066666667	0
Residential	Single_Family	Drying	Electric	New	2	0.995	1
Residential	Single_Family	Pool	Natural_Gas	Existing	1	0.04	0
Residential	Single_Family	Pool	Natural_Gas	New	2	0.995	1
Residential	Single_Family	Pool	Electric	Existing	1	0.04	0
Residential	Single_Family	Pool	Electric	New	2	0.995	1
Residential	Single_Family	Spa	Natural_Gas	Existing	1	0.05	0
Residential	Single_Family	Spa	Natural_Gas	New	2	0.995	1
Residential	Single_Family	Spa	Electric	Existing	1	0.05	0
Residential	Single_Family	Spa	Electric	New	2	0.995	1
Residential	Single_Family	Fireplace	Natural_Gas	Existing	1	0.033333333	0
Residential	Single_Family	Fireplace	Natural_Gas	New	2	0.995	1
Residential	Single_Family	Fireplace	Electric	Existing	1	0.033333333	0
Residential	Single_Family	Fireplace	Electric	New	2	0.995	1
Residential	Single_Family	Barbecue	Natural_Gas	Existing	1	0.066666667	0
Residential	Single_Family	Barbecue	Natural_Gas	New	2	0.995	1

zName	bName	nName	fName	conType	equipmentDecayIndicator	equipmentDecayParm1	equipmentDecayParm2
Residential	Single_Family	Barbecue	Electric	Existing	1	0.066666667	0
Residential	Single_Family	Barbecue	Electric	New	2	0.995	1
Residential	Single_Family	Other	Natural_Gas	Existing	1	0.066666667	0
Residential	Single_Family	Other	Natural_Gas	New	2	0.995	1
Residential	MF2_2_TO_4_Units	Space_Heat	Natural_Gas	Existing	1	0.033333333	0
Residential	MF2_2_TO_4_Units	Space_Heat	Natural_Gas	New	2	0.995	1
Residential	MF2_2_TO_4_Units	Space_Heat	Electric	Existing	1	0.033333333	0
Residential	MF2_2_TO_4_Units	Space_Heat	Electric	New	2	0.995	1
Residential	MF2_2_TO_4_Units	Water_Heat	Natural_Gas	Existing	1	0.066666667	0
Residential	MF2_2_TO_4_Units	Water_Heat	Natural_Gas	New	2	0.995	1
Residential	MF2_2_TO_4_Units	Water_Heat	Electric	Existing	1	0.066666667	0
Residential	MF2_2_TO_4_Units	Water_Heat	Electric	New	2	0.995	1
Residential	MF2_2_TO_4_Units	Cooking	Natural_Gas	Existing	1	0.05	0
Residential	MF2_2_TO_4_Units	Cooking	Natural_Gas	New	2	0.995	1
Residential	MF2_2_TO_4_Units	Cooking	Electric	Existing	1	0.05	0
Residential	MF2_2_TO_4_Units	Cooking	Electric	New	2	0.995	1
Residential	MF2_2_TO_4_Units	Drying	Natural_Gas	Existing	1	0.066666667	0
Residential	MF2_2_TO_4_Units	Drying	Natural_Gas	New	2	0.995	1
Residential	MF2_2_TO_4_Units	Drying	Electric	Existing	1	0.066666667	0
Residential	MF2_2_TO_4_Units	Drying	Electric	New	2	0.995	1
Residential	MF2_2_TO_4_Units	Barbecue	Natural_Gas	Existing	1	0.066666667	0
Residential	MF2_2_TO_4_Units	Barbecue	Natural_Gas	New	2	0.995	1
Residential	MF2_2_TO_4_Units	Barbecue	Electric	Existing	1	0.066666667	0
Residential	MF2_2_TO_4_Units	Barbecue	Electric	New	2	0.995	1
Residential	MF2_2_TO_4_Units	Other	Natural_Gas	Existing	1	0.066666667	0
Residential	MF2_2_TO_4_Units	Other	Natural_Gas	New	2	0.995	1
Residential	MF3_GE_5_Units	Space_Heat	Natural_Gas	Existing	1	0.033333333	0
Residential	MF3_GE_5_Units	Space_Heat	Natural_Gas	New	2	0.995	1
Residential	MF3_GE_5_Units	Space_Heat	Electric	Existing	1	0.033333333	0
Residential	MF3_GE_5_Units	Space_Heat	Electric	New	2	0.995	1
Residential	MF3_GE_5_Units	Water_Heat	Natural_Gas	Existing	1	0.066666667	0
Residential	MF3_GE_5_Units	Water_Heat	Natural_Gas	New	2	0.995	1
Residential	MF3_GE_5_Units	Water_Heat	Electric	Existing	1	0.066666667	0

zName	bName	nName	fName	conType	equipmentDecayIndicator	equipmentDecayParm1	equipmentDecayParm2
Residential	MF3_GE_5_Units	Water_Heat	Electric	New	2	0.995	1
Residential	MF3_GE_5_Units	Cooking	Natural_Gas	Existing	1	0.05	0
Residential	MF3_GE_5_Units	Cooking	Natural_Gas	New	2	0.995	1
Residential	MF3_GE_5_Units	Cooking	Electric	Existing	1	0.05	0
Residential	MF3_GE_5_Units	Cooking	Electric	New	2	0.995	1
Residential	MF3_GE_5_Units	Drying	Natural_Gas	Existing	1	0.06666667	0
Residential	MF3_GE_5_Units	Drying	Natural_Gas	New	2	0.995	1
Residential	MF3_GE_5_Units	Drying	Electric	Existing	1	0.06666667	0
Residential	MF3_GE_5_Units	Drying	Electric	New	2	0.995	1
Residential	MF3_GE_5_Units	Barbecue	Natural_Gas	Existing	1	0.06666667	0
Residential	MF3_GE_5_Units	Barbecue	Natural_Gas	New	2	0.995	1
Residential	MF3_GE_5_Units	Barbecue	Electric	Existing	1	0.06666667	0
Residential	MF3_GE_5_Units	Barbecue	Electric	New	2	0.995	1
Residential	MF3_GE_5_Units	Other	Natural_Gas	Existing	1	0.06666667	0
Residential	MF3_GE_5_Units	Other	Natural_Gas	New	2	0.995	1
Residential	MM_Master_Meter	Space_Heat	Natural_Gas	Existing	1	0.033333333	0
Residential	MM_Master_Meter	Space_Heat	Natural_Gas	New	2	0.995	1
Residential	MM_Master_Meter	Space_Heat	Electric	Existing	1	0.033333333	0
Residential	MM_Master_Meter	Space_Heat	Electric	New	2	0.995	1
Residential	MM_Master_Meter	Water_Heat	Natural_Gas	Existing	1	0.06666667	0
Residential	MM_Master_Meter	Water_Heat	Natural_Gas	New	2	0.995	1
Residential	MM_Master_Meter	Water_Heat	Electric	Existing	1	0.06666667	0
Residential	MM_Master_Meter	Water_Heat	Electric	New	2	0.995	1
Residential	MM_Master_Meter	Cooking	Natural_Gas	Existing	1	0.05	0
Residential	MM_Master_Meter	Cooking	Natural_Gas	New	2	0.995	1
Residential	MM_Master_Meter	Cooking	Electric	Existing	1	0.05	0
Residential	MM_Master_Meter	Cooking	Electric	New	2	0.995	1
Residential	MM_Master_Meter	Drying	Natural_Gas	Existing	1	0.06666667	0
Residential	MM_Master_Meter	Drying	Natural_Gas	New	2	0.995	1
Residential	MM_Master_Meter	Drying	Electric	Existing	1	0.06666667	0
Residential	MM_Master_Meter	Drying	Electric	New	2	0.995	1
Residential	MM_Master_Meter	Barbecue	Natural_Gas	Existing	1	0.06666667	0
Residential	MM_Master_Meter	Barbecue	Natural_Gas	New	2	0.995	1

zName	bName	nName	fName	conType	equipmentDecayIndicator	equipmentDecayParm1	equipmentDecayParm2
Residential	MM_Master_Meter	Barbecue	Electric	Existing	1	0.066666667	0
Residential	MM_Master_Meter	Barbecue	Electric	New	2	0.995	1
Residential	MM_Master_Meter	Other	Natural_Gas	Existing	1	0.066666667	0
Residential	MM_Master_Meter	Other	Natural_Gas	New	2	0.995	1
Residential	SM_Sub_Meter	Space_Heat	Natural_Gas	Existing	1	0.033333333	0
Residential	SM_Sub_Meter	Space_Heat	Natural_Gas	New	2	0.995	1
Residential	SM_Sub_Meter	Space_Heat	Electric	Existing	1	0.033333333	0
Residential	SM_Sub_Meter	Space_Heat	Electric	New	2	0.995	1
Residential	SM_Sub_Meter	Water_Heat	Natural_Gas	Existing	1	0.066666667	0
Residential	SM_Sub_Meter	Water_Heat	Natural_Gas	New	2	0.995	1
Residential	SM_Sub_Meter	Water_Heat	Electric	Existing	1	0.066666667	0
Residential	SM_Sub_Meter	Water_Heat	Electric	New	2	0.995	1
Residential	SM_Sub_Meter	Cooking	Natural_Gas	Existing	1	0.05	0
Residential	SM_Sub_Meter	Cooking	Natural_Gas	New	2	0.995	1
Residential	SM_Sub_Meter	Cooking	Electric	Existing	1	0.05	0
Residential	SM_Sub_Meter	Cooking	Electric	New	2	0.995	1
Residential	SM_Sub_Meter	Drying	Natural_Gas	Existing	1	0.066666667	0
Residential	SM_Sub_Meter	Drying	Natural_Gas	New	2	0.995	1
Residential	SM_Sub_Meter	Drying	Electric	Existing	1	0.066666667	0
Residential	SM_Sub_Meter	Drying	Electric	New	2	0.995	1
Residential	SM_Sub_Meter	Barbecue	Natural_Gas	Existing	1	0.066666667	0
Residential	SM_Sub_Meter	Barbecue	Natural_Gas	New	2	0.995	1
Residential	SM_Sub_Meter	Barbecue	Electric	Existing	1	0.066666667	0
Residential	SM_Sub_Meter	Barbecue	Electric	New	2	0.995	1
Residential	SM_Sub_Meter	Other	Natural_Gas	Existing	1	0.066666667	0
Residential	SM_Sub_Meter	Other	Natural_Gas	New	2	0.995	1

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zName	bName	nName	fName	conType	equipmentDecayParm3	equipmentDecayParm4	z	b	n	f
Residential	Single_Family	Space_Heat	Natural_Gas	Existing	0	0	001	001	001	1
Residential	Single_Family	Space_Heat	Natural_Gas	New	0.5	30	001	001	001	1
Residential	Single_Family	Space_Heat	Electric	Existing	0	0	001	001	001	2
Residential	Single_Family	Space_Heat	Electric	New	0.5	30	001	001	001	2
Residential	Single_Family	Water_Heat	Natural_Gas	Existing	0	0	001	001	002	1
Residential	Single_Family	Water_Heat	Natural_Gas	New	0.5	15	001	001	002	1
Residential	Single_Family	Water_Heat	Electric	Existing	0	0	001	001	002	2
Residential	Single_Family	Water_Heat	Electric	New	0.5	15	001	001	002	2
Residential	Single_Family	Cooking	Natural_Gas	Existing	0	0	001	001	003	1
Residential	Single_Family	Cooking	Natural_Gas	New	0.5	20	001	001	003	1
Residential	Single_Family	Cooking	Electric	Existing	0	0	001	001	003	2
Residential	Single_Family	Cooking	Electric	New	0.5	20	001	001	003	2
Residential	Single_Family	Drying	Natural_Gas	Existing	0	0	001	001	004	1
Residential	Single_Family	Drying	Natural_Gas	New	0.5	15	001	001	004	1
Residential	Single_Family	Drying	Electric	Existing	0	0	001	001	004	2
Residential	Single_Family	Drying	Electric	New	0.5	15	001	001	004	2
Residential	Single_Family	Pool	Natural_Gas	Existing	0	0	001	001	005	1
Residential	Single_Family	Pool	Natural_Gas	New	0.5	25	001	001	005	1
Residential	Single_Family	Pool	Electric	Existing	0	0	001	001	005	2
Residential	Single_Family	Pool	Electric	New	0.5	25	001	001	005	2
Residential	Single_Family	Spa	Natural_Gas	Existing	0	0	001	001	006	1
Residential	Single_Family	Spa	Natural_Gas	New	0.5	20	001	001	006	1
Residential	Single_Family	Spa	Electric	Existing	0	0	001	001	006	2
Residential	Single_Family	Spa	Electric	New	0.5	20	001	001	006	2
Residential	Single_Family	Fireplace	Natural_Gas	Existing	0	0	001	001	007	1
Residential	Single_Family	Fireplace	Natural_Gas	New	0.5	30	001	001	007	1
Residential	Single_Family	Fireplace	Electric	Existing	0	0	001	001	007	2
Residential	Single_Family	Fireplace	Electric	New	0.5	30	001	001	007	2
Residential	Single_Family	Barbecue	Natural_Gas	Existing	0	0	001	001	008	1
Residential	Single_Family	Barbecue	Natural_Gas	New	0.5	15	001	001	008	1

zName	bName	nName	fName	conType	equipmentDecayParm3	equipmentDecayParm4	z	b	n	f
Residential	Single_Family	Barbecue	Electric	Existing	0	0	001	001	008	2
Residential	Single_Family	Barbecue	Electric	New	0.5	15	001	001	008	2
Residential	Single_Family	Other	Natural_Gas	Existing	0	0	001	001	009	1
Residential	Single_Family	Other	Natural_Gas	New	0.5	15	001	001	009	1
Residential	MF2_2_TO_4_Units	Space_Heat	Natural_Gas	Existing	0	0	001	002	001	1
Residential	MF2_2_TO_4_Units	Space_Heat	Natural_Gas	New	0.5	30	001	002	001	1
Residential	MF2_2_TO_4_Units	Space_Heat	Electric	Existing	0	0	001	002	001	2
Residential	MF2_2_TO_4_Units	Space_Heat	Electric	New	0.5	30	001	002	001	2
Residential	MF2_2_TO_4_Units	Water_Heat	Natural_Gas	Existing	0	0	001	002	002	1
Residential	MF2_2_TO_4_Units	Water_Heat	Natural_Gas	New	0.5	15	001	002	002	1
Residential	MF2_2_TO_4_Units	Water_Heat	Electric	Existing	0	0	001	002	002	2
Residential	MF2_2_TO_4_Units	Water_Heat	Electric	New	0.5	15	001	002	002	2
Residential	MF2_2_TO_4_Units	Cooking	Natural_Gas	Existing	0	0	001	002	003	1
Residential	MF2_2_TO_4_Units	Cooking	Natural_Gas	New	0.5	20	001	002	003	1
Residential	MF2_2_TO_4_Units	Cooking	Electric	Existing	0	0	001	002	003	2
Residential	MF2_2_TO_4_Units	Cooking	Electric	New	0.5	20	001	002	003	2
Residential	MF2_2_TO_4_Units	Drying	Natural_Gas	Existing	0	0	001	002	004	1
Residential	MF2_2_TO_4_Units	Drying	Natural_Gas	New	0.5	15	001	002	004	1
Residential	MF2_2_TO_4_Units	Drying	Electric	Existing	0	0	001	002	004	2
Residential	MF2_2_TO_4_Units	Drying	Electric	New	0.5	15	001	002	004	2
Residential	MF2_2_TO_4_Units	Barbecue	Natural_Gas	Existing	0	0	001	002	008	1
Residential	MF2_2_TO_4_Units	Barbecue	Natural_Gas	New	0.5	15	001	002	008	1
Residential	MF2_2_TO_4_Units	Barbecue	Electric	Existing	0	0	001	002	008	2
Residential	MF2_2_TO_4_Units	Barbecue	Electric	New	0.5	15	001	002	008	2
Residential	MF2_2_TO_4_Units	Other	Natural_Gas	Existing	0	0	001	002	009	1
Residential	MF2_2_TO_4_Units	Other	Natural_Gas	New	0.5	15	001	002	009	1
Residential	MF3_GE_5_Units	Space_Heat	Natural_Gas	Existing	0	0	001	003	001	1
Residential	MF3_GE_5_Units	Space_Heat	Natural_Gas	New	0.5	30	001	003	001	1
Residential	MF3_GE_5_Units	Space_Heat	Electric	Existing	0	0	001	003	001	2
Residential	MF3_GE_5_Units	Space_Heat	Electric	New	0.5	30	001	003	001	2
Residential	MF3_GE_5_Units	Water_Heat	Natural_Gas	Existing	0	0	001	003	002	1
Residential	MF3_GE_5_Units	Water_Heat	Natural_Gas	New	0.5	15	001	003	002	1
Residential	MF3_GE_5_Units	Water_Heat	Electric	Existing	0	0	001	003	002	2

zName	bName	nName	fName	conType	equipmentDecayParm3	equipmentDecayParm4	z	b	n	f	
Residential	MF3_GE_5_Units	Water_Heat	Electric	New	0.5		15	001	003	002	2
Residential	MF3_GE_5_Units	Cooking	Natural_Gas	Existing	0		0	001	003	003	1
Residential	MF3_GE_5_Units	Cooking	Natural_Gas	New	0.5		20	001	003	003	1
Residential	MF3_GE_5_Units	Cooking	Electric	Existing	0		0	001	003	003	2
Residential	MF3_GE_5_Units	Cooking	Electric	New	0.5		20	001	003	003	2
Residential	MF3_GE_5_Units	Drying	Natural_Gas	Existing	0		0	001	003	004	1
Residential	MF3_GE_5_Units	Drying	Natural_Gas	New	0.5		15	001	003	004	1
Residential	MF3_GE_5_Units	Drying	Electric	Existing	0		0	001	003	004	2
Residential	MF3_GE_5_Units	Drying	Electric	New	0.5		15	001	003	004	2
Residential	MF3_GE_5_Units	Barbecue	Natural_Gas	Existing	0		0	001	003	008	1
Residential	MF3_GE_5_Units	Barbecue	Natural_Gas	New	0.5		15	001	003	008	1
Residential	MF3_GE_5_Units	Barbecue	Electric	Existing	0		0	001	003	008	2
Residential	MF3_GE_5_Units	Barbecue	Electric	New	0.5		15	001	003	008	2
Residential	MF3_GE_5_Units	Other	Natural_Gas	Existing	0		0	001	003	009	1
Residential	MF3_GE_5_Units	Other	Natural_Gas	New	0.5		15	001	003	009	1
Residential	MM_Master_Meter	Space_Heat	Natural_Gas	Existing	0		0	001	004	001	1
Residential	MM_Master_Meter	Space_Heat	Natural_Gas	New	0.5		30	001	004	001	1
Residential	MM_Master_Meter	Space_Heat	Electric	Existing	0		0	001	004	001	2
Residential	MM_Master_Meter	Space_Heat	Electric	New	0.5		30	001	004	001	2
Residential	MM_Master_Meter	Water_Heat	Natural_Gas	Existing	0		0	001	004	002	1
Residential	MM_Master_Meter	Water_Heat	Natural_Gas	New	0.5		15	001	004	002	1
Residential	MM_Master_Meter	Water_Heat	Electric	Existing	0		0	001	004	002	2
Residential	MM_Master_Meter	Water_Heat	Electric	New	0.5		15	001	004	002	2
Residential	MM_Master_Meter	Cooking	Natural_Gas	Existing	0		0	001	004	003	1
Residential	MM_Master_Meter	Cooking	Natural_Gas	New	0.5		20	001	004	003	1
Residential	MM_Master_Meter	Cooking	Electric	Existing	0		0	001	004	003	2
Residential	MM_Master_Meter	Cooking	Electric	New	0.5		20	001	004	003	2
Residential	MM_Master_Meter	Drying	Natural_Gas	Existing	0		0	001	004	004	1
Residential	MM_Master_Meter	Drying	Natural_Gas	New	0.5		15	001	004	004	1
Residential	MM_Master_Meter	Drying	Electric	Existing	0		0	001	004	004	2
Residential	MM_Master_Meter	Drying	Electric	New	0.5		15	001	004	004	2
Residential	MM_Master_Meter	Barbecue	Natural_Gas	Existing	0		0	001	004	008	1
Residential	MM_Master_Meter	Barbecue	Natural_Gas	New	0.5		15	001	004	008	1

zName	bName	nName	fName	conType	equipmentDecayParm3	equipmentDecayParm4	z	b	n	f
Residential	MM_Master_Meter	Barbecue	Electric	Existing	0	0	001	004	008	2
Residential	MM_Master_Meter	Barbecue	Electric	New	0.5	15	001	004	008	2
Residential	MM_Master_Meter	Other	Natural_Gas	Existing	0	0	001	004	009	1
Residential	MM_Master_Meter	Other	Natural_Gas	New	0.5	15	001	004	009	1
Residential	SM_Sub_Meter	Space_Heat	Natural_Gas	Existing	0	0	001	005	001	1
Residential	SM_Sub_Meter	Space_Heat	Natural_Gas	New	0.5	30	001	005	001	1
Residential	SM_Sub_Meter	Space_Heat	Electric	Existing	0	0	001	005	001	2
Residential	SM_Sub_Meter	Space_Heat	Electric	New	0.5	30	001	005	001	2
Residential	SM_Sub_Meter	Water_Heat	Natural_Gas	Existing	0	0	001	005	002	1
Residential	SM_Sub_Meter	Water_Heat	Natural_Gas	New	0.5	15	001	005	002	1
Residential	SM_Sub_Meter	Water_Heat	Electric	Existing	0	0	001	005	002	2
Residential	SM_Sub_Meter	Water_Heat	Electric	New	0.5	15	001	005	002	2
Residential	SM_Sub_Meter	Cooking	Natural_Gas	Existing	0	0	001	005	003	1
Residential	SM_Sub_Meter	Cooking	Natural_Gas	New	0.5	20	001	005	003	1
Residential	SM_Sub_Meter	Cooking	Electric	Existing	0	0	001	005	003	2
Residential	SM_Sub_Meter	Cooking	Electric	New	0.5	20	001	005	003	2
Residential	SM_Sub_Meter	Drying	Natural_Gas	Existing	0	0	001	005	004	1
Residential	SM_Sub_Meter	Drying	Natural_Gas	New	0.5	15	001	005	004	1
Residential	SM_Sub_Meter	Drying	Electric	Existing	0	0	001	005	004	2
Residential	SM_Sub_Meter	Drying	Electric	New	0.5	15	001	005	004	2
Residential	SM_Sub_Meter	Barbecue	Natural_Gas	Existing	0	0	001	005	008	1
Residential	SM_Sub_Meter	Barbecue	Natural_Gas	New	0.5	15	001	005	008	1
Residential	SM_Sub_Meter	Barbecue	Electric	Existing	0	0	001	005	008	2
Residential	SM_Sub_Meter	Barbecue	Electric	New	0.5	15	001	005	008	2
Residential	SM_Sub_Meter	Other	Natural_Gas	Existing	0	0	001	005	009	1
Residential	SM_Sub_Meter	Other	Natural_Gas	New	0.5	15	001	005	009	1

FUEL SUBSTITUTION



**DOCUMENTATION ABOUT
ADDITIONAL ACHIEVABLE FUEL SUBSTITUTION (AAFS)**

**REFERENCE PREPARED BY
THE CALIFORNIA ENERGY COMMISSION**

Additional Achievable Fuel Substitution (2021 AAFS)

- IEPR Volume IV (p33-49 & Appendix A)

“CA Energy Demand Forecast”

<https://www.energy.ca.gov/data-reports/reports/integrated-energy-policy-report/2021-integrated-energy-policy-report>





Used AAEE as a template for **AAFS**

- *For 2021 we developed Additional Achievable Fuel Substitution (AAFS) as an hourly load modifier to the baseline demand forecast.*
- We used a manner similar to the one which was developed for AAEE for AAFS; ie. a “template”
- **AAFS was conceptualized as separate from AAEE**



2021 Additions and Enhancements

Removed Fuel Substitution

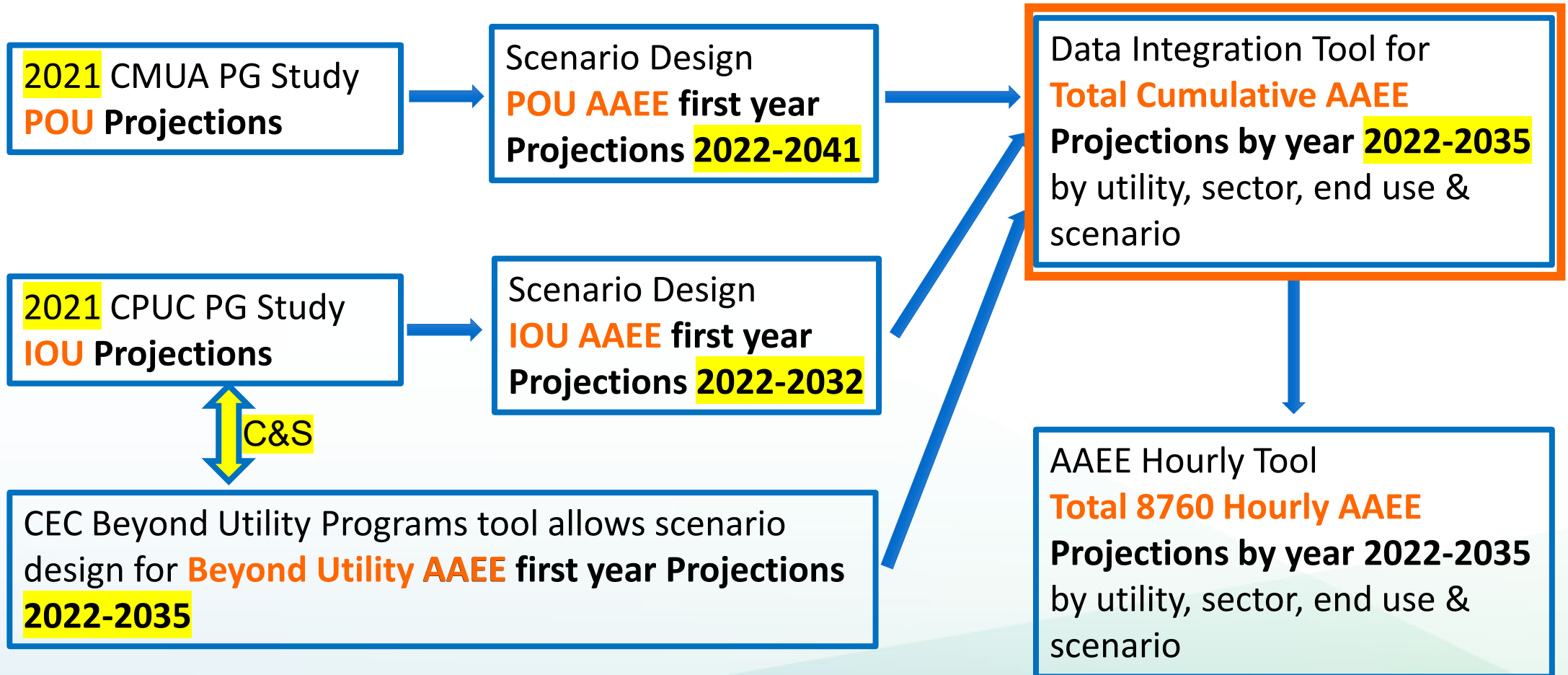
- Supplanted by Additional Achievable Fuel Substitution (AAFS)

ADDED new workbooks

- CCA and REN Program Savings (not yet modeled in PG Study)
- T24 Res & Com New Construction Fuel Sub
- Clean Energy Optimization Program (CEOP)
- IOU Low Income Fuel Sub
- POU Fuel Sub
- SGIP HPWH Incentives
- TECH-BUILD
(SB 1477 Low Emissions Buildings and Sources of Heat Energy))
- Food Processing Investment Program (FPIP)



Additional Achievable Energy Efficiency (AAEE) 2021 Process Flow Overview





Scenario Development for 2021 AEE

Lever	Mid - Very Low (Scenario 1)	Mid - Low (Scenario 2)	Mid - Mid (Scenario 3)	Mid - High (Scenario 4)	Mid - Very High (Scenario 5)	Mid - High Plus (Scenario 6)
Building Stock	2019 IEPR Mid-Case					
Retail Prices						

IOU Potential Program Savings

POU Potential Program Savings

Codes and Standards Savings

Beyond Utility Program Savings



Development of 2021 AAFS



Scenario Development for 2021 AAFS

				actually more conservative planing scenarios >		
		<i>less FS penetration</i>	<i>reference BAU</i>	<i>more FS penetration</i>	<i>meet AB 3232 goals ?</i>	<i>meet mid-century goals ?</i>
Lever	Mid - Low (Scenario 2)	Mid - Mid (Scenario 3)	Mid - Mid Plus (Scenario 4)	Mid - High (Scenario 5)	Mid - High Plus (Scenario 6)	
Building Stock	2019 IEPR Mid-Case					
Retail Prices						

IOU Potential Program Impacts

POU Potential Program Impacts

Codes and Standards Impacts

Beyond Utility ²² Program Impacts



2021 IOU AAFS Scenario Design

Lever	Mid - Low (Scenario 2)	Mid - Mid (Scenario 3)	Mid - Mid Plus (Scenario 4)	Mid - High (Scenario 5)	Mid - High Plus (Scenario 6)
Building Stock	2019 IEPR Mid-Case				
Retail Prices					
AIMS	Reference	Reference	Average of Reference & Aggressive		Aggressive
Incentive Levels	capped at 25% of incremental cost	capped at 50% of incremental cost	capped at 50% of incremental cost		capped at 75% of incremental cost
C-E Measure Screening Threshold (TRC using 2020 ACC for 2022-2023; 2021 ACC for 2024-2032)	1	0.85	0.85		0.75
Marketing & Outreach = Rebate Program Engagement Assumptions	Default calibrated value	Default calibrated value = Reference	Increased marketing strength		
Financing Programs	No modeled impacts	No modeled impacts	IOU financing programs broadly available to Res and Com customers		
FS program cost adjustments	20% more than existing levels	no change		20% less than existing levels	
FS equipment cost adjustments	20% more than existing levels	no change		20% less than existing levels	
DR co-benefits: on vs. off	off			on	
IOU Low Income Fuel Substitution Program Contributions	low FS impacts	reference FS impacts		aggressive FS impacts	



2021 C&S AAFS Scenario Design

Lever	Mid - Low (Scenario 2)	Mid - Mid (Scenario 3)	Mid - Mid Plus (Scenario 4)	Mid - High (Scenario 5)	Mid - High Plus (Scenario 6)
Building Stock	2019 IEPR Mid-Case				
Retail Prices					
Title 24				adding potential updates in the 2028 Standards at a compliance rate reduction and low uptake rate	adding potential updates in the 2028 Standards at the reference compliance rate and high uptake rate
				adding potential updates in the 2025 Standards at a compliance rate reduction and low uptake rate	adding potential updates in the 2025 Standards at a compliance rate reduction and low uptake rate
		adding the building electrification encouraged by the 2022 Standards at a 20% compliance rate reduction and low uptake rate	adding the building electrification encouraged by the 2022 Standards at the reference compliance rate and reference uptake rate	adding the building electrification encouraged by the 2022 Standards at at a 20% compliance rate enhancement and high uptake rate	



2021 Beyond Utility AAFS Scenario Design

Lever	Mid - Low (Scenario 2)	Mid - Mid (Scenario 3)	Mid - Mid Plus (Scenario 4)	Mid - High (Scenario 5)	Mid - High Plus (Scenario 6)
Building Stock	2019 IEPR Mid-Case				
Retail Prices	2019 IEPR Mid-Case				
CCA RENs 2021 New	none	low FS impacts	reference FS impacts		aggressive FS impacts
LGO 2021					
CEOP 2021 New					
TECH-BUILD 2021 New		low FS impacts	reference FS impacts		aggressive FS impacts
SGIP HPWH 2021 New					
FPIP 2021 New					
Industrial 2021					
Ag 2021		none	conservative FS impacts	reference FS impacts	aggressive FS impacts

- Programmatic FS may not be of the magnitude needed to meet various policy goals
- Programmatic FS can be input to the FSSAT to determine what remaining gas displacement remains

Speculative FSSAT Contribution	% NC	none	none	additional "what if" substitution added to meet minimum AB 3232 goals	additional "what if" substitution added to meet mid-century GHG goals
	% ROB				
	% RET				

CORE COMMERCIAL AND INDUSTRIAL DEMAND FORECAST



Core Commercial Segment

The core commercial model was estimated with the EU Forecaster tool.

The level of employment in each business sector is used as a measure of economic activity in the core commercial and core industrial sectors (GN-3 rate classification). The employment data series matches the NAICS categories used to develop the historical consumption data. The employment data was compiled and totaled for the SDG&E service territory. The forecast data comes from Global Insight.

Building and Equipment Decay Rates

Building decay rates are based on the building lifetimes, whereas the lifetime is defined as the length of the time it takes for either a demolition or a major renovation where major systems are replaced. For existing core building and facilities, an exponential rate of decay of 11% per year was assumed. This is consistent with an average remaining life for existing buildings of 100 years. A building decay rate concept is not relevant to large gas transport (noncore) customers. In both the commercial and industrial noncore models, the existing building decay rate was set to zero.

Similarly, all new construction decay rates were assumed to be zero over the forecast horizon. The assumption was required because the growth of new buildings and facilities was tied directly to the econometric models.

End Use Life Cycles:

Commercial

Space Heating: 25 years

Water Heating: 15 years

AC/Compressors: 20 years

All other commercial end uses: 15 years

Industrial

Fire Tube Boiler: 25 years

Water Tube Boiler: 25 years

Engine (motors): 25 years

All other industrial end uses: 20 years

Equipment Saturations, Fuel Shares and Efficiency Shares

EU Forecaster defines saturation as the percentage of customers in any segment that has a particular end use, independent of fuel shares. The commercial models developed saturation and fuel share estimates from our other models. EU Forecaster adjusted core commercial fuel shares according to a set of fuel-choice equations over the forecast horizon.

End use saturations in the industrial model were initially set equal to 100%. Industrial end use gas fuel shares were initially approximated. An iterative procedure was used to further adjust industrial saturation and fuel shares such that the EU Forecaster sales totals matched the SDG&E industrial sales figures. Finally, all commercial and industrial fuel shares were held constant over the forecast horizon.

Energy efficiency varies within the major gas end uses and processes, including all boilers, space heaters and water heaters. Four levels of efficiency were assigned to gas equipment: low, medium (standard), high and premium exist for the core

commercial sectors. There are three efficiency levels assigned to the core industrial market. These are low, standard and high.

California state and the U.S. federal standards have effectively eliminated the lowest efficiency alternatives for several gas end uses from being purchased as new or replacement equipment. The lowest efficiency alternative for these end uses is, therefore, allowed to exist in the base year stock, but the customer must purchase either standard, high or premium efficiency equipment as the units decay. The low efficiency share in the existing equipment stock was set equal to 50%.

Gas Price Data

Average and marginal gas prices (\$/therm) were calculated from forecasts of the GN-3 rate components. We used underlying detailed consumption data to separate monthly consumption for customers by each commercial business type into the respective GN-3 consumption tiers. (The most recent 12-month calendar period, January through December 2021, of this detailed consumption data was used.)

For a given business type, the average gas commodity rate for the 12-month period was calculated for each year. The average commodity rate in each forecast year was developed using the same monthly consumption pattern, but with the forecasts of rates for each GN-3 rate tier. The average gas price each year was then calculated by including the non-volumetric customer charges with the year's average gas commodity rate.

Each respective business type's marginal gas commodity rate (for each month) was calculated by "pricing" the entire month's consumption at the GN-3 rate's tier that was the last tier with non-zero consumption, the marginal consumption tier, for the customers of the given business type. The marginal gas price was then calculated as the simple average of the 12 monthly marginal commodity rates. The forecasts for each year used the same monthly consumption pattern, but used the projected GN-3 price of the marginal consumption tier.

Electric Price Data:

Both average prices (cents/kWh) and marginal prices (cents/kWh) were developed as electricity price inputs. Forecasts for the SDG&E commercial customer class were developed based on the California Energy Commission's December 2021 forecast rates for California energy demand (forecast for the SDG&E planning area, under "Mid-Case" demand for electricity) for the SDG&E service area through our forecast time horizon

The electricity prices for SDG&E's GN-3 Commercial customers were estimated at 112% of the CEC's projected commercial electricity prices. These were the average electricity prices for the GN-3 core commercial market, overall.

The marginal prices were calculated by multiplying each year's respective average price by a ratio. This ratio, 1.000, was used and is the same as the ratio used for the SoCalGas core commercial G-10 end-use model.

To impute, in each year, average and marginal electricity prices to each core commercial business type, we simply calculated the ratio of the average (or marginal) gas price to the overall core commercial gas price for each business type, then multiplied by the overall average (or marginal) electricity price.

Energy Efficiency Forecast

The end use gas demand forecast developed with the EUF Forecaster does not capture the effects of SDG&E's EE programs. Energy savings goals from the CPUC's mandated energy efficiency/energy conservation programs for the core commercial and industrial models were estimated by SDG&E's EE group. The EE savings were subtracted from the baseline forecast to generate a final forecast.

Fuel Substitution

The AAFS Scenario 2 energy savings were subtracted from the baseline forecast to generate a final forecast for the GN3 segment.

Climate Change

Climate change was incorporated in the forecast. To account for the less cold weather over time, the average year weather design was adjusted by 6 Hdd fewer each year into the forecast horizon.

GN-3 Core Commercial Data Tables

SAN DIEGO GAS AND ELECTRIC
 CORE COMMERCIAL HISTORICAL DATA: BASE YEAR INPUTS

Segment	2021 Therm Sales	2021 Meter Count	2021 Meter Count, Existing/Old customers	2021 Meter Count New Customers	Avg Use Per Meter Existing Customers	Avg Use Per Meter New Customers	Price Elasticity
Office	32,939,953	6,103.0	6,088.0	15.0	5,401.1	3,890.5	-0.072000
Restaurant	33,129,542	5,630	5,610	20	5,879.2	7,364.6	-0.001000
Retail	10,648,621	2,570	2,557	13	4,150.9	2,681.0	-0.032000
Laundry	4,872,389	377	377	1	12,924.1	1.0	-0.026000
Warehouse	3,115,517	553	550	3	5,645.0	3,595.9	-0.142000
School	3,106,170	843	839	4	3,689.6	2,653.6	-0.103000
College	5,192,869	334	332	2	15,597.6	7,238.7	-0.090000
Health	12,393,085	691	689	2	17,918.9	23,491.7	-0.052000
Lodging	12,817,785	792	789	3	16,146.2	26,146.7	-0.013000
Misc	14,270,395	5,326	5,076	250	2,673.1	2,807.0	-0.030000
Government	13,879,029	724	723	1	19,176.9	14,104.0	-0.060000
TCU	6,610,571	1,360	1,358	2	4,866.9	662.2	-0.162000
Construction	1,294,854	629	624	5	2,044.3	3,842.4	-0.179000
Agriculture	2,612,692	90	89	1	29,342.2	1,232.6	-0.059000
	156,883,473	26,022	25,701	322			

Core Commercial

Average Year Forecast

**SAN DIEGO GAS AND ELECTRIC
 CORE COMMERCIAL FORECAST
 DEMAND FORECAST: AVERAGE YEAR FOECAST**

YEAR	MDTH1	MDTH2	MDTH3	MDTH4	MDTH5	MDTH6	MDTH7	MDTH8	MDTH9	MDTH10	MDTH11	MDTH12	TOTAL
2021	1731.81	1630.16	1513.41	1366.19	1164.30	1047.26	1013.95	1011.95	1014.80	1079.15	1354.80	1760.57	15688.35
2022	1790.07	1685.20	1564.86	1413.26	1204.95	1084.29	1049.91	1047.85	1050.79	1117.13	1401.47	1819.60	16229.36
2023	1809.55	1703.74	1582.44	1429.75	1219.53	1097.87	1063.16	1061.09	1064.05	1130.95	1417.81	1839.22	16419.16
2024	1809.64	1704.03	1583.06	1430.93	1221.08	1099.73	1065.07	1062.99	1065.96	1132.69	1418.98	1839.12	16433.28
2025	1805.94	1700.76	1580.39	1429.14	1220.08	1099.30	1064.76	1062.69	1065.64	1132.07	1417.19	1835.17	16413.12
2026	1799.14	1694.56	1574.98	1424.88	1216.99	1096.98	1062.62	1060.57	1063.50	1129.50	1412.96	1828.06	16364.73
2027	1791.44	1687.53	1568.81	1419.93	1213.30	1094.12	1059.97	1057.92	1060.84	1126.38	1408.04	1820.05	16308.34

Cold Year Forecast

**SAN DIEGO GAS AND ELECTRIC
 CORE COMMERCIAL FORECAST
 DEMAND FORECAST: COLD YEAR FOECAST**

YEAR	MDTH1	MDTH2	MDTH3	MDTH4	MDTH5	MDTH6	MDTH7	MDTH8	MDTH9	MDTH10	MDTH11	MDTH12	TOTAL
2021	1843.08	1727.64	1591.40	1414.84	1187.02	1051.45	1014.20	1011.98	1015.17	1089.66	1403.33	1880.38	16230.15
2022	1901.31	1782.66	1642.84	1461.90	1227.66	1088.48	1050.16	1047.87	1051.16	1127.64	1449.99	1939.38	16771.05
2023	1920.77	1801.18	1660.40	1478.37	1242.24	1102.06	1063.42	1061.11	1064.43	1141.46	1466.32	1958.97	16960.74
2024	1920.83	1801.46	1661.01	1479.55	1243.79	1103.91	1065.33	1063.02	1066.33	1143.19	1467.48	1958.85	16974.74
2025	1917.12	1798.17	1658.31	1477.74	1242.78	1103.48	1065.01	1062.71	1066.02	1142.56	1465.68	1954.88	16954.47
2026	1910.29	1791.94	1652.89	1473.48	1239.69	1101.16	1062.88	1060.59	1063.87	1140.00	1461.44	1947.74	16905.97
2027	1902.57	1784.89	1646.71	1468.52	1236.00	1098.31	1060.22	1057.95	1061.21	1136.88	1456.51	1939.71	16849.47

Hot Year Forecast

**SAN DIEGO GAS AND ELECTRIC
 CORE COMMERCIAL FORECAST
 DEMAND FORECAST: HOT YEAR FOECAST**

YEAR	MDTH1	MDTH2	MDTH3	MDTH4	MDTH5	MDTH6	MDTH7	MDTH8	MDTH9	MDTH10	MDTH11	MDTH12	TOTAL
2021	1620.55	1532.67	1435.41	1317.54	1141.58	1043.07	1013.69	1011.93	1014.43	1068.65	1306.27	1640.77	15146.55
2022	1678.82	1587.73	1486.89	1364.62	1182.23	1080.10	1049.65	1047.82	1050.41	1106.63	1352.95	1699.82	15687.68
2023	1698.33	1606.30	1504.48	1381.12	1196.82	1093.69	1062.91	1061.06	1063.68	1120.45	1369.30	1719.46	15877.59
2024	1698.44	1606.61	1505.12	1382.31	1198.37	1095.54	1064.81	1062.97	1065.58	1122.19	1370.48	1719.38	15891.81
2025	1694.77	1603.36	1502.46	1380.53	1197.38	1095.11	1064.50	1062.67	1065.27	1121.57	1368.70	1715.46	15871.77
2026	1687.98	1597.18	1497.07	1376.28	1194.29	1092.79	1062.36	1060.54	1063.13	1119.01	1364.48	1708.38	15823.49
2027	1680.32	1590.16	1490.92	1371.34	1190.61	1089.94	1059.71	1057.90	1060.47	1115.89	1359.57	1700.39	15767.21

Base Year Forecast

**SAN DIEGO GAS AND ELECTRIC
 CORE COMMERCIAL FORECAST
 DEMAND FORECAST: BASE YEAR FOECAST**

YEAR	MDTH1	MDTH2	MDTH3	MDTH4	MDTH5	MDTH6	MDTH7	MDTH8	MDTH9	MDTH10	MDTH11	MDTH12	TOTAL
2021	1075.74	1006.34	1075.74	1041.04	1075.74	1041.04	1075.74	1075.74	1041.04	1075.74	1041.04	1075.74	12700.71
2022	1124.24	1051.71	1124.24	1087.98	1124.24	1087.98	1124.24	1124.24	1087.98	1124.24	1087.98	1124.24	13273.30
2023	1142.99	1069.25	1142.99	1106.12	1142.99	1106.12	1142.99	1142.99	1106.12	1142.99	1106.12	1142.99	13494.65
2024	1146.86	1072.87	1146.86	1109.86	1146.86	1109.86	1146.86	1146.86	1109.86	1146.86	1109.86	1146.86	13540.32
2025	1147.82	1073.77	1147.82	1110.79	1147.82	1110.79	1147.82	1147.82	1110.79	1147.82	1110.79	1147.82	13551.69
2026	1146.39	1072.43	1146.39	1109.41	1146.39	1109.41	1146.39	1146.39	1109.41	1146.39	1109.41	1146.39	13534.83
2027	1144.28	1070.46	1144.28	1107.37	1144.28	1107.37	1144.28	1144.28	1107.37	1144.28	1107.37	1144.28	13509.94

Commercial Fuel Substitution

**SAN DIEGO GAS AND ELECTRIC
 CORE COMMERCIAL AAFS SCENARIO 2 FORECAST**

SOURCE	YEAR	AAFS (Mdth)
GN3Commercia	2021	0
GN3Commercia	2022	0.574798988
GN3Commercia	2023	6.042735121
GN3Commercia	2024	14.58038245
GN3Commercia	2025	23.06338897
GN3Commercia	2026	32.59051134
GN3Commercia	2027	42.85940538

Employment

SAN DIEGO GAS AND ELECTRIC CORE COMMERCIAL MARKET EMPLOYMENT BY SECTOR (IN MILLIONS)

YEAR	Office	Restaurant	Retail	Laundry	Warehouse	School	College	Health	Lodging	Misc
2022	0.3445753	0.1315769	0.13567559	0.0183957	0.04380058	0.0890237	0.0432383	0.19363222	0.024109	0.058238008
2023	0.3535887	0.14797336	0.12998449	0.0190238	0.04576595	0.0892798	0.0433532	0.1941272	0.0271194	0.060400236
2024	0.3591265	0.15351151	0.12495708	0.0192813	0.04739524	0.0907428	0.0440729	0.19733563	0.0281206	0.061173736
2025	0.3649946	0.15536001	0.12094457	0.0196021	0.04917766	0.0922393	0.0447973	0.20058027	0.0284559	0.062197264
2026	0.370542	0.15656254	0.11953934	0.0199016	0.05061722	0.0938216	0.0455666	0.20402541	0.0286755	0.063150373
2027	0.375189	0.15761091	0.11785757	0.0202208	0.05123203	0.0952095	0.0462382	0.20703933	0.0288672	0.064162501

YEAR	Government	TCU	Construction	Agriculture
2022	0.137519357	0.05487841	0.08865229	0.0091107
2023	0.139593616	0.05619499	0.08848979	0.0090652
2024	0.140652711	0.0586015	0.087314122	0.0090198
2025	0.141800834	0.06063713	0.086447363	0.0089747
2026	0.142908802	0.06182179	0.085580596	0.0089299
2027	0.143738443	0.0618101	0.085612293	0.0088852

Gas Prices: Average Prices

SAN DIEGO GAS & ELECTRIC
 AVERAGE GAS PRICES
 UNITS: \$/THERM

Year	C Health Average						C Lodging Average	
	C Agriculture Average Price	C College Average Price	C Construction Average Price	C Government Average Price	Price	C Laundry Average Price	Price	
2021	0.9646	1.0952	1.0235	1.0097	0.9660	1.0678	0.9182	
2022	1.2387	1.3648	1.2957	1.2819	1.2400	1.3387	1.1935	
2023	1.2107	1.3449	1.2711	1.2573	1.2121	1.3164	1.1633	
2024	1.1267	1.2639	1.1883	1.1745	1.1282	1.2345	1.0785	
2025	1.1280	1.2685	1.1910	1.1772	1.1296	1.2382	1.0790	
2026	1.1545	1.2985	1.2190	1.2052	1.1561	1.2672	1.1044	
2027	1.1794	1.3272	1.2454	1.2316	1.1810	1.2948	1.1282	

Year	C Warehouse Average						
	C Misc Average Price	C Office Average Price	C Restaurant Average Price	C Retail Average Price	C School Average Price	C TCU Average Price	Price
2021	0.9125	0.9614	0.8895	1.0400	0.8872	0.8853	1.0453
2022	1.1881	1.2352	1.1657	1.3121	1.1636	1.1621	1.3174
2023	1.1574	1.2077	1.1340	1.2876	1.1314	1.1292	1.2930
2024	1.0725	1.1238	1.0487	1.2049	1.0459	1.0435	1.2103
2025	1.0729	1.1254	1.0486	1.2077	1.0456	1.0429	1.2130
2026	1.0982	1.1520	1.0734	1.2357	1.0702	1.0672	1.2411
2027	1.1218	1.1771	1.0965	1.2622	1.0931	1.0898	1.2676

Gas Prices: Marginal Prices

SAN DIEGO GAS & ELECTRIC
 MARGINAL GAS PRICES
 UNITS: \$/THERM

Year	C Agriculture Marginal Price	C College Marginal Price	C Construction Marginal Price	C Government Marginal Price	C Health Marginal Price	C Laundry Marginal Price	C Lodging Marginal Price
2021	0.8915	1.0245	0.9283	0.9235	0.8917	0.9807	0.8646
2022	1.1676	1.2959	1.2031	1.1984	1.1677	1.2536	1.1416
2023	1.1360	1.2728	1.1739	1.1689	1.1362	1.2277	1.1083
2024	1.0507	1.1905	1.0894	1.0843	1.0509	1.1445	1.0224
2025	1.0507	1.1938	1.0903	1.0851	1.0509	1.1466	1.0217
2026	1.0756	1.2224	1.1162	1.1109	1.0758	1.1740	1.0458
2027	1.0988	1.2496	1.1405	1.1350	1.0989	1.1999	1.0682

Year	C Misc Marginal Price	C Office Marginal Price	C Restaurant Marginal Price	C Retail Marginal Price	C School Marginal Price	C TCU Marginal Price	C Warehouse Marginal Price
2021	0.8547	0.8895	0.9471	0.8410	0.8346	0.9488	0.8296
2022	1.1321	1.1657	1.2212	1.1188	1.1126	1.2228	1.1078
2023	1.0982	1.1340	1.1932	1.0841	1.0775	1.1949	1.0723
2024	1.0121	1.0487	1.1092	0.9976	0.9909	1.1109	0.9857
2025	1.0111	1.0486	1.1105	0.9963	0.9894	1.1123	0.9841
2026	1.0350	1.0734	1.1370	1.0198	1.0127	1.1388	1.0072
2027	1.0570	1.0965	1.1618	1.0415	1.0342	1.1637	1.0285

Electric Prices: Average Prices

**SAN DIEGO GAS & ELECTRIC
 CORE COMMERCIAL AVERAGE ELECTRIC PRICES (CENTS/KWH)**

Year	C Agriculture Average Price	C College Average Price	C Construction Average Price	C Government Average Price	C Health Average Price	C Laundry Average Price	C Lodging Average Price	C MISC Average Price
2021	26.91	30.55	28.55	28.17	26.95	29.79	25.61	25.46
2022	26.02	28.67	27.22	26.93	26.05	28.12	25.07	24.96
2023	26.93	29.92	28.27	27.97	26.96	29.28	25.88	25.75
2024	27.96	31.36	29.49	29.14	27.99	30.63	26.76	26.61
2025	29.42	33.08	31.06	30.70	29.46	32.29	28.14	27.98
2026	30.35	34.13	32.04	31.68	30.39	33.31	29.03	28.87
2027	31.32	35.24	33.07	32.70	31.36	34.38	29.96	29.79

Year	C Office Average Price	C Restaurant Average Price	C Retail Average Price	C School Average Price	C TCU Average Price	C Warehouse Average Price
2021	26.82	29.01	24.75	24.70	29.16	24.63
2022	25.95	27.56	24.44	24.41	27.67	24.36
2023	26.86	28.64	25.17	25.12	28.76	25.07
2024	27.89	29.90	25.95	25.89	30.03	25.84
2025	29.35	31.49	27.27	27.20	31.63	27.15
2026	30.28	32.48	28.13	28.05	32.62	28.02
2027	31.25	33.51	29.02	28.94	33.66	28.90

Electric Prices: Marginal Prices

**SAN DIEGO GAS & ELECTRIC
 CORE COMMERCIAL MARGINAL ELECTRIC PRICES (CENTS/KWH)**

Year	C Agriculture Marginal		C Construction Marginal		C Government Marginal Price	C Health Marginal Price	C Laundry Marginal Price	C Lodging Marginal Price	C Misc Marginal Price
	Price	C College Marginal Price	Price						
2021	26.85	30.86	27.96	27.82	26.86	29.54	26.04	25.75	
2022	25.98	28.84	26.78	26.67	25.99	27.90	25.41	25.19	
2023	26.89	30.13	27.79	27.67	26.89	29.06	26.23	25.99	
2024	27.91	31.62	28.94	28.80	27.91	30.40	27.16	26.88	
2025	29.37	33.37	30.47	30.33	29.37	32.05	28.56	28.26	
2026	30.30	34.43	31.44	31.29	30.30	33.07	29.46	29.15	
2027	31.26	35.55	32.45	32.29	31.27	34.14	30.39	30.07	

Year	C Office Marginal Price	C Restaurant Marginal Price	C Retail Marginal Price	C School Marginal Price	C TCU Marginal Price	C Warehouse Marginal Price
2021	26.79	28.53	25.33	25.14	28.58	24.99
2022	25.94	27.18	24.90	24.76	27.21	24.66
2023	26.84	28.24	25.66	25.50	28.28	25.38
2024	27.85	29.46	26.50	26.32	29.51	26.18
2025	29.31	31.04	27.85	27.65	31.09	27.50
2026	30.24	32.03	28.73	28.53	32.08	28.37
2027	31.20	33.06	29.63	29.42	33.11	29.26

SAN DIEGO GAS & ELECTRIC CORE COMMERCIAL SATURATIONS

zname	bname	nname	SAT	SOURCE
Commercial	Agriculture	Drying	1.0000	Assumed
Commercial	Agriculture	Engine	0.5000	Assumed
Commercial	Agriculture	Other	1.0000	DEFAULT
Commercial	Agriculture	Space_Heat	0.7200	CI_1996_STUDY
Commercial	Agriculture	Water_Heat	0.6900	CI_1996_STUDY
Commercial	College	AC_Compressor	0.8850	CBECS
Commercial	College	Cook_top	0.1470	CBECS
Commercial	College	Fryer	0.1470	CBECS
Commercial	College	Griddle	0.1470	CBECS
Commercial	College	Other	1.0000	DEFAULT
Commercial	College	Other_Cooking	0.1470	CBECS
Commercial	College	Space_Heat	0.7630	SDGE_EUI_STUDY
Commercial	College	Water_Heat	0.9550	SDGE_EUI_STUDY
Commercial	Construction	Other	1.0000	DEFAULT
Commercial	Construction	Space_Heat	0.7200	CI_1996_STUDY
Commercial	Construction	Water_Heat	0.6900	CI_1996_STUDY
Commercial	Government	AC_Compressor	0.8880	CBECS
Commercial	Government	Cook_top	0.1960	CBECS
Commercial	Government	Fryer	0.1960	CBECS
Commercial	Government	Griddle	0.1960	CBECS
Commercial	Government	Other	1.0000	DEFAULT
Commercial	Government	Other_Cooking	0.1960	CBECS
Commercial	Government	Space_Heat	0.8720	SDGE_EUI_STUDY
Commercial	Government	Water_Heat	0.7000	CI_1996_STUDY
Commercial	Grocery	AC_Compressor	0.8560	CBECS
Commercial	Grocery	Cook_top	0.2450	CBECS
Commercial	Grocery	Fryer	0.2450	CBECS
Commercial	Grocery	Griddle	0.2450	CBECS
Commercial	Grocery	Other	1.0000	DEFAULT
Commercial	Grocery	Other_Cooking	0.2450	CBECS
Commercial	Grocery	Space_Heat	0.6470	SDGE_EUI_STUDY
Commercial	Grocery	Water_Heat	0.9300	CI_1996_STUDY
Commercial	Health	AC_Compressor	0.7920	CBECS
Commercial	Health	Cook_top	0.1020	CBECS
Commercial	Health	Drying	0.8200	CI_1996_STUDY
Commercial	Health	Fryer	0.1020	CBECS
Commercial	Health	Griddle	0.1020	CBECS
Commercial	Health	Other	1.0000	DEFAULT
Commercial	Health	Other_Cooking	0.1020	CBECS
Commercial	Health	Space_Heat	0.9360	SDGE_EUI_STUDY
Commercial	Health	Water_Heat	1.0000	CI_1996_STUDY
Commercial	Laundry	Drying	1.0000	CI_1996_STUDY
Commercial	Laundry	Other	1.0000	CI_1996_STUDY
Commercial	Laundry	Space_Heat	0.7200	CI_1996_STUDY
Commercial	Laundry	Water_Heat	1.0000	CI_1996_STUDY
Commercial	Lodging	AC_Compressor	0.7950	CBECS
Commercial	Lodging	Cook_top	0.0840	CBECS

SAN DIEGO GAS & ELECTRIC CORE COMMERCIAL SATURATIONS

zname	bname	nname	SAT	SOURCE
Commercial	Lodging	Drying	0.8200	CI_1996_STUDY
Commercial	Lodging	Fryer	0.0840	CBECS
Commercial	Lodging	Griddle	0.0840	CBECS
Commercial	Lodging	Other	1.0000	CI_1996_STUDY
Commercial	Lodging	Other_Cooking	0.0840	CBECS
Commercial	Lodging	Space_Heat	0.8950	SDGE_EUI_STUDY
Commercial	Lodging	Water_Heat	1.0000	CI_1996_STUDY
Commercial	Misc	AC_Compressor	0.7310	CBECS
Commercial	Misc	Cook_top	0.0210	CBECS
Commercial	Misc	Fryer	0.0210	CBECS
Commercial	Misc	Griddle	0.0210	CBECS
Commercial	Misc	Other	1.0000	CI_1996_STUDY
Commercial	Misc	Other_Cooking	0.0210	CBECS
Commercial	Misc	Space_Heat	0.6950	SDGE_EUI_STUDY
Commercial	Misc	Water_Heat	0.6900	CI_1996_STUDY
Commercial	Office	AC_Compressor	0.9310	CBECS
Commercial	Office	Cooking	0.0820	CBECS
Commercial	Office	Other	1.0000	CI_1996_STUDY
Commercial	Office	Space_Heat	0.8720	SDGE_EUI_STUDY
Commercial	Office	Water_Heat	0.7000	CI_1996_STUDY
Commercial	Restaurant	AC_Compressor	0.8710	CBECS
Commercial	Restaurant	Cook_top	0.7500	SCG_COOKING_STUDY
Commercial	Restaurant	Fryer	0.7290	SCG_COOKING_STUDY
Commercial	Restaurant	Griddle	0.5740	SCG_COOKING_STUDY
Commercial	Restaurant	Other	1.0000	CI_1996_STUDY
Commercial	Restaurant	Other_Cooking	0.9000	CI_1996_STUDY
Commercial	Restaurant	Space_Heat	0.8180	SDGE_EUI_STUDY
Commercial	Restaurant	Water_Heat	0.9600	CI_1996_STUDY
Commercial	Retail	Cooking	0.2450	CBECS
Commercial	Retail	Other	1.0000	CI_1996_STUDY
Commercial	Retail	Space_Heat	0.7710	SDGE_EUI_STUDY
Commercial	Retail	Water_Heat	0.6200	CI_1996_STUDY
Commercial	School	AC_Compressor	0.8850	CBECS
Commercial	School	Cook_top	0.1470	CBECS
Commercial	School	Fryer	0.1470	CBECS
Commercial	School	Griddle	0.1470	CBECS
Commercial	School	Other	1.0000	CI_1996_STUDY
Commercial	School	Other_Cooking	0.1470	CBECS
Commercial	School	Space_Heat	0.9670	SDGE_EUI_STUDY
Commercial	School	Water_Heat	0.9000	CI_1996_STUDY
Commercial	TCU	Engine	0.5000	Assumed
Commercial	TCU	Other	1.0000	CI_1996_STUDY
Commercial	TCU	Space_Heat	0.7200	CI_1996_STUDY
Commercial	TCU	Water_Heat	0.6900	CI_1996_STUDY
Commercial	Warehouse	Engine	0.2500	Assumed
Commercial	Warehouse	Other	1.0000	DEFAULT
Commercial	Warehouse	Space_Heat	0.2310	SDGE_EUI_STUDY

SAN DIEGO GAS & ELECTRIC CORE COMMERCIAL SATURATIONS

zname	bname	nname	SAT	SOURCE
Commercial	Warehouse	Water_Heat	0.8800	SDGE_EUI_STUDY

SDGe core commercial euf file ComCoreUsePerMeterNew

**SAN DIEGO GAS & ELECTRIC
CORE COMMERCIAL USE PER METER (NEW)**

Sector	Space	Other Cooking					Kitchen		AC	Dryer	Engine	Other	Total Building
	Heater	Water Heater	Cooktop	Griddle	Fryer	Equipment	Equipment						
Office	713	2368	93	483	0	193	36	0	0	0	0	4	3891
Restaurant	1351	4482	177	914	1	365	67	1	1	1	1	8	7365
Retail	492	1632	64	333	0	133	25	0	0	0	0	3	2681
Laundry	0	1	0	0	0	0	0	0	0	0	0	0	1
Warehouse	659	2188	86	446	0	178	33	0	0	0	0	4	3596
School	487	1615	64	329	0	132	24	0	0	0	0	3	2654
College	1328	4405	174	898	1	359	66	1	1	1	1	8	7239
Health	4308	14297	565	2916	2	1166	215	2	2	2	2	26	23492
Lodging	4795	15913	628	3245	3	1297	240	3	3	3	3	28	26147
Misc	515	1708	67	348	0	139	26	0	0	0	0	3	2807
Government	2587	8584	339	1751	1	700	129	1	1	1	1	15	14104
TCU	121	403	16	82	0	33	6	0	0	0	0	1	662
Construction	705	2338	92	477	0	191	35	0	0	0	0	4	3842
Agriculture	226	750	30	153	0	61	11	0	0	0	0	1	1233

SDGe core commercial euf file ComCoreUsePerMeterAvg

SAN DIEGO GAS & ELECTRIC USE PER METER (EXISTING)

THERMS

Sector	Space Heater	Water Heater	Cooktop	Griddle	Fryer	Other Cooking Equipment	Kitchen Equipment	AC	Dryer	Engine	Other	Total Building
Office	2048	850	104	34	26	107	23	35	102	29	2042	5401
Restaurant	413	799	1333	548	1053	1165	284	16	7	0	262	5879
Retail	951	578	210	35	234	404	250	55	107	9	1318	4151
Laundry	40	631	5	1	1	7	0	1	6337	0	5901	12924
Warehouse	1033	300	43	12	103	118	151	117	343	102	3323	5645
School	1997	673	114	8	26	209	21	25	4	27	585	3690
College	6410	3166	309	91	159	381	88	401	97	136	4360	15598
Health	5747	3601	577	112	157	444	251	104	791	59	6076	17919
Lodging	2357	4814	664	162	208	809	398	39	1254	1	5441	16146
Misc	969	592	120	24	39	98	31	100	38	7	654	2673
Government	8276	4811	423	208	124	348	189	221	112	1222	3243	19177
TCU	1027	369	33	8	15	28	19	50	3	1611	1703	4867
Construction	669	209	17	0	2	9	6	20	125	0	987	2044
Agriculture	4200	1018	173	29	359	799	727	10	1059	6945	14023	29342

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	baseAvgEShare
Commercial Office	Space_Heat	Natural_Gas	Stock	001	001	001	1	1	1	0.65
Commercial Office	Space_Heat	Natural_Gas	Standard	001	001	001	1	2	2	0.3
Commercial Office	Space_Heat	Natural_Gas	High	001	001	001	1	3	3	0.04
Commercial Office	Space_Heat	Natural_Gas	Premium	001	001	001	1	4	4	0.01
Commercial Office	Space_Heat	Electric	Stock	001	001	001	2	1	1	1
Commercial Office	Water_Heat	Natural_Gas	Stock	001	001	002	1	1	1	0.4
Commercial Office	Water_Heat	Natural_Gas	Standard	001	001	002	1	2	2	0.5
Commercial Office	Water_Heat	Natural_Gas	High	001	001	002	1	3	3	0.08
Commercial Office	Water_Heat	Natural_Gas	Premium	001	001	002	1	4	4	0.02
Commercial Office	Water_Heat	Electric	Stock	001	001	002	2	1	1	0.4
Commercial Office	Water_Heat	Electric	Standard	001	001	002	2	2	2	0.5
Commercial Office	Water_Heat	Electric	High	001	001	002	2	3	3	0.08
Commercial Office	Water_Heat	Electric	Premium	001	001	002	2	4	4	0.02
Commercial Office	Cooking	Natural_Gas	Stock	001	001	003	1	1	1	0.65
Commercial Office	Cooking	Natural_Gas	Standard	001	001	003	1	2	2	0.35
Commercial Office	Cooking	Electric	Stock	001	001	003	2	1	1	0.65
Commercial Office	Cooking	Electric	Standard	001	001	003	2	2	2	0.35
Commercial Office	AC_Compressor	Natural_Gas	Stock	001	001	010	1	1	1	0.65
Commercial Office	AC_Compressor	Natural_Gas	Standard	001	001	010	1	2	2	0.35
Commercial Office	AC_Compressor	Electric	Stock	001	001	010	2	1	1	0.65
Commercial Office	AC_Compressor	Electric	Standard	001	001	010	2	2	2	0.35
Commercial Office	Other	Natural_Gas	Stock	001	001	011	1	1	1	1
Commercial Restaurant	Space_Heat	Natural_Gas	Stock	001	002	001	1	1	1	0.65
Commercial Restaurant	Space_Heat	Natural_Gas	Standard	001	002	001	1	2	2	0.3
Commercial Restaurant	Space_Heat	Natural_Gas	High	001	002	001	1	3	3	0.04
Commercial Restaurant	Space_Heat	Natural_Gas	Premium	001	002	001	1	4	4	0.01
Commercial Restaurant	Space_Heat	Electric	Stock	001	002	001	2	1	1	1
Commercial Restaurant	Water_Heat	Natural_Gas	Stock	001	002	002	1	1	1	0.4
Commercial Restaurant	Water_Heat	Natural_Gas	Standard	001	002	002	1	2	2	0.5
Commercial Restaurant	Water_Heat	Natural_Gas	High	001	002	002	1	3	3	0.08

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	baseAvgEShare
Commercial	Restaurant	Water_Heat	Natural_Gas	Premium	001	002	002	1	4	0.02
Commercial	Restaurant	Water_Heat	Electric	Stock	001	002	002	2	1	0.4
Commercial	Restaurant	Water_Heat	Electric	Standard	001	002	002	2	2	0.5
Commercial	Restaurant	Water_Heat	Electric	High	001	002	002	2	3	0.08
Commercial	Restaurant	Water_Heat	Electric	Premium	001	002	002	2	4	0.02
Commercial	Restaurant	Cook_top	Natural_Gas	Stock	001	002	004	1	1	0.65
Commercial	Restaurant	Cook_top	Natural_Gas	Standard	001	002	004	1	2	0.35
Commercial	Restaurant	Cook_top	Electric	Stock	001	002	004	2	1	0.65
Commercial	Restaurant	Cook_top	Electric	Standard	001	002	004	2	2	0.35
Commercial	Restaurant	Fryer	Natural_Gas	Stock	001	002	005	1	1	0.65
Commercial	Restaurant	Fryer	Natural_Gas	Standard	001	002	005	1	2	0.35
Commercial	Restaurant	Fryer	Electric	Stock	001	002	005	2	1	0.65
Commercial	Restaurant	Fryer	Electric	Standard	001	002	005	2	2	0.35
Commercial	Restaurant	Griddle	Natural_Gas	Stock	001	002	006	1	1	0.65
Commercial	Restaurant	Griddle	Natural_Gas	Standard	001	002	006	1	2	0.35
Commercial	Restaurant	Griddle	Electric	Stock	001	002	006	2	1	0.65
Commercial	Restaurant	Griddle	Electric	Standard	001	002	006	2	2	0.35
Commercial	Restaurant	Other_Cooking	Natural_Gas	Stock	001	002	007	1	1	0.65
Commercial	Restaurant	Other_Cooking	Natural_Gas	Standard	001	002	007	1	2	0.35
Commercial	Restaurant	Other_Cooking	Electric	Stock	001	002	007	2	1	0.65
Commercial	Restaurant	Other_Cooking	Electric	Standard	001	002	007	2	2	0.35
Commercial	Restaurant	AC_Compressor	Natural_Gas	Stock	001	002	010	1	1	0.65
Commercial	Restaurant	AC_Compressor	Natural_Gas	Standard	001	002	010	1	2	0.35
Commercial	Restaurant	AC_Compressor	Electric	Stock	001	002	010	2	1	0.65
Commercial	Restaurant	AC_Compressor	Electric	Standard	001	002	010	2	2	0.35
Commercial	Restaurant	Other	Natural_Gas	Stock	001	002	011	1	1	1
Commercial	Retail	Space_Heat	Natural_Gas	Stock	001	003	001	1	1	0.65
Commercial	Retail	Space_Heat	Natural_Gas	Standard	001	003	001	1	2	0.3
Commercial	Retail	Space_Heat	Natural_Gas	High	001	003	001	1	3	0.04
Commercial	Retail	Space_Heat	Natural_Gas	Premium	001	003	001	1	4	0.01

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	baseAvgEShare
Commercial	Retail	Space_Heat	Electric	Stock	001	003	001	2	1	1
Commercial	Retail	Water_Heat	Natural_Gas	Stock	001	003	002	1	1	0.4
Commercial	Retail	Water_Heat	Natural_Gas	Standard	001	003	002	1	2	0.5
Commercial	Retail	Water_Heat	Natural_Gas	High	001	003	002	1	3	0.08
Commercial	Retail	Water_Heat	Natural_Gas	Premium	001	003	002	1	4	0.02
Commercial	Retail	Water_Heat	Electric	Stock	001	003	002	2	1	0.4
Commercial	Retail	Water_Heat	Electric	Standard	001	003	002	2	2	0.5
Commercial	Retail	Water_Heat	Electric	High	001	003	002	2	3	0.08
Commercial	Retail	Water_Heat	Electric	Premium	001	003	002	2	4	0.02
Commercial	Retail	Cooking	Natural_Gas	Stock	001	003	003	1	1	0.65
Commercial	Retail	Cooking	Natural_Gas	Standard	001	003	003	1	2	0.35
Commercial	Retail	Cooking	Electric	Stock	001	003	003	2	1	0.65
Commercial	Retail	Cooking	Electric	Standard	001	003	003	2	2	0.35
Commercial	Retail	Other	Natural_Gas	Stock	001	003	011	1	1	1
Commercial	Laundry	Space_Heat	Natural_Gas	Stock	001	004	001	1	1	0.65
Commercial	Laundry	Space_Heat	Natural_Gas	Standard	001	004	001	1	2	0.3
Commercial	Laundry	Space_Heat	Natural_Gas	High	001	004	001	1	3	0.04
Commercial	Laundry	Space_Heat	Natural_Gas	Premium	001	004	001	1	4	0.01
Commercial	Laundry	Space_Heat	Electric	Stock	001	004	001	2	1	1
Commercial	Laundry	Water_Heat	Natural_Gas	Stock	001	004	002	1	1	0.4
Commercial	Laundry	Water_Heat	Natural_Gas	Standard	001	004	002	1	2	0.5
Commercial	Laundry	Water_Heat	Natural_Gas	High	001	004	002	1	3	0.08
Commercial	Laundry	Water_Heat	Natural_Gas	Premium	001	004	002	1	4	0.02
Commercial	Laundry	Water_Heat	Electric	Stock	001	004	002	2	1	0.4
Commercial	Laundry	Water_Heat	Electric	Standard	001	004	002	2	2	0.5
Commercial	Laundry	Water_Heat	Electric	High	001	004	002	2	3	0.08
Commercial	Laundry	Water_Heat	Electric	Premium	001	004	002	2	4	0.02
Commercial	Laundry	Drying	Natural_Gas	Stock	001	004	008	1	1	0.65
Commercial	Laundry	Drying	Natural_Gas	Standard	001	004	008	1	2	0.35
Commercial	Laundry	Drying	Electric	Stock	001	004	008	2	1	0.65

SAN DIEGO GAS & ELECTRIC COMPANY

CORE COMMERCIAL: F-SHARES

zName	bName	nName	fName	z	b	n	f	baseAvgFShare
Commercial Office	Space_Heat	Natural_Gas	Natural_Gas	001	001	001	1	0.855504587
Commercial Office	Space_Heat	Electric	Electric	001	001	001	2	0.144495413
Commercial Office	Water_Heat	Natural_Gas	Natural_Gas	001	001	002	1	0.165813715
Commercial Office	Water_Heat	Electric	Electric	001	001	002	2	0.834186285
Commercial Office	Cooking	Natural_Gas	Natural_Gas	001	001	003	1	0.020689655
Commercial Office	Cooking	Electric	Electric	001	001	003	2	0.979310345
Commercial Office	AC_Compressor	Natural_Gas	Natural_Gas	001	001	010	1	0.06
Commercial Office	AC_Compressor	Electric	Electric	001	001	010	2	0.94
Commercial Office	Other	Natural_Gas	Natural_Gas	001	001	011	1	1
Commercial Restaurant	Space_Heat	Natural_Gas	Natural_Gas	001	002	001	1	0.590464548
Commercial Restaurant	Space_Heat	Electric	Electric	001	002	001	2	0.409535452
Commercial Restaurant	Water_Heat	Natural_Gas	Natural_Gas	001	002	002	1	0.902040816
Commercial Restaurant	Water_Heat	Electric	Electric	001	002	002	2	0.097959184
Commercial Restaurant	Cook_top	Natural_Gas	Natural_Gas	001	002	004	1	0.977333333
Commercial Restaurant	Cook_top	Electric	Electric	001	002	004	2	0.022666667
Commercial Restaurant	Fryer	Natural_Gas	Natural_Gas	001	002	005	1	0.905349794
Commercial Restaurant	Fryer	Electric	Electric	001	002	005	2	0.094650206
Commercial Restaurant	Griddle	Natural_Gas	Natural_Gas	001	002	006	1	0.970383275
Commercial Restaurant	Griddle	Electric	Electric	001	002	006	2	0.029616725
Commercial Restaurant	Other_Cooking	Natural_Gas	Natural_Gas	001	002	007	1	0.66
Commercial Restaurant	Other_Cooking	Electric	Electric	001	002	007	2	0.34
Commercial Restaurant	AC_Compressor	Natural_Gas	Natural_Gas	001	002	010	1	0.06
Commercial Restaurant	AC_Compressor	Electric	Electric	001	002	010	2	0.94
Commercial Restaurant	Other	Natural_Gas	Natural_Gas	001	002	011	1	1
Commercial Retail	Space_Heat	Natural_Gas	Natural_Gas	001	003	001	1	0.517509728
Commercial Retail	Space_Heat	Electric	Electric	001	003	001	2	0.482490272
Commercial Retail	Water_Heat	Natural_Gas	Natural_Gas	001	003	002	1	0.310077519

SAN DIEGO GAS & ELECTRIC COMPANY

CORE COMMERCIAL: F-SHARES

zName	bName	nName	fName	z	b	n	f	baseAvgFShare
Commercial Retail		Water_Heat	Electric	001	003	002	2	0.689922481
Commercial Retail		Cooking	Natural_Gas	001	003	003	1	0.093670886
Commercial Retail		Cooking	Electric	001	003	003	2	0.906329114
Commercial Retail		Other	Natural_Gas	001	003	011	1	1
Commercial Laundry		Space_Heat	Natural_Gas	001	004	001	1	0.576923077
Commercial Laundry		Space_Heat	Electric	001	004	001	2	0.423076923
Commercial Laundry		Water_Heat	Natural_Gas	001	004	002	1	0.676470588
Commercial Laundry		Water_Heat	Electric	001	004	002	2	0.323529412
Commercial Laundry		Drying	Natural_Gas	001	004	008	1	0.6
Commercial Laundry		Drying	Electric	001	004	008	2	0.4
Commercial Laundry		Other	Natural_Gas	001	004	011	1	1
Commercial Warehouse		Space_Heat	Natural_Gas	001	005	001	1	0.437229437
Commercial Warehouse		Space_Heat	Electric	001	005	001	2	0.562770563
Commercial Warehouse		Water_Heat	Natural_Gas	001	005	002	1	0.071590909
Commercial Warehouse		Water_Heat	Electric	001	005	002	2	0.928409091
Commercial Warehouse		Engine	Natural_Gas	001	005	009	1	0.06
Commercial Warehouse		Engine	Electric	001	005	009	2	0.94
Commercial Warehouse		Other	Natural_Gas	001	005	011	1	1
Commercial School		Space_Heat	Natural_Gas	001	006	001	1	0.752843847
Commercial School		Space_Heat	Electric	001	006	001	2	0.247156153
Commercial School		Water_Heat	Natural_Gas	001	006	002	1	0.758433079
Commercial School		Water_Heat	Electric	001	006	002	2	0.241566921
Commercial School		Cook_top	Natural_Gas	001	006	004	1	0.428571429
Commercial School		Cook_top	Electric	001	006	004	2	0.571428571
Commercial School		Fryer	Natural_Gas	001	006	005	1	0.428571429
Commercial School		Fryer	Electric	001	006	005	2	0.571428571
Commercial School		Griddle	Natural_Gas	001	006	006	1	0.428571429

SAN DIEGO GAS & ELECTRIC COMPANY

CORE COMMERCIAL: F-SHARES

zName	bName	nName	fName	z	b	n	f	baseAvgFShare
Commercial	School	Griddle	Electric	001	006	006	2	0.571428571
Commercial	School	Other_Cooking	Natural_Gas	001	006	007	1	0.428571429
Commercial	School	Other_Cooking	Electric	001	006	007	2	0.571428571
Commercial	School	AC_Compressor	Natural_Gas	001	006	010	1	0.06
Commercial	School	AC_Compressor	Electric	001	006	010	2	0.94
Commercial	School	Other	Natural_Gas	001	006	011	1	1
Commercial	College	Space_Heat	Natural_Gas	001	007	001	1	0.330275229
Commercial	College	Space_Heat	Electric	001	007	001	2	0.669724771
Commercial	College	Water_Heat	Natural_Gas	001	007	002	1	0.816753927
Commercial	College	Water_Heat	Electric	001	007	002	2	0.183246073
Commercial	College	Cook_top	Natural_Gas	001	007	004	1	0.048010974
Commercial	College	Cook_top	Electric	001	007	004	2	0.951989026
Commercial	College	Fryer	Natural_Gas	001	007	005	1	0.048010974
Commercial	College	Fryer	Electric	001	007	005	2	0.951989026
Commercial	College	Griddle	Natural_Gas	001	007	006	1	0.048010974
Commercial	College	Griddle	Electric	001	007	006	2	0.951989026
Commercial	College	Other_Cooking	Natural_Gas	001	007	007	1	0.048010974
Commercial	College	Other_Cooking	Electric	001	007	007	2	0.951989026
Commercial	College	AC_Compressor	Natural_Gas	001	007	010	1	0.06
Commercial	College	AC_Compressor	Electric	001	007	010	2	0.94
Commercial	College	Other	Natural_Gas	001	007	011	1	1
Commercial	Health	Space_Heat	Natural_Gas	001	008	001	1	0.66025641
Commercial	Health	Space_Heat	Electric	001	008	001	2	0.33974359
Commercial	Health	Water_Heat	Natural_Gas	001	008	002	1	0.824200913
Commercial	Health	Water_Heat	Electric	001	008	002	2	0.175799087
Commercial	Health	Cook_top	Natural_Gas	001	008	004	1	0.094874591
Commercial	Health	Cook_top	Electric	001	008	004	2	0.905125409

SAN DIEGO GAS & ELECTRIC COMPANY

CORE COMMERCIAL: F-SHARES

zName	bName	nName	fName	z	b	n	f	baseAvgFShare
Commercial	Health	Fryer	Natural_Gas	001	008	005	1	0.094874591
Commercial	Health	Fryer	Electric	001	008	005	2	0.905125409
Commercial	Health	Griddle	Natural_Gas	001	008	006	1	0.094874591
Commercial	Health	Griddle	Electric	001	008	006	2	0.905125409
Commercial	Health	Other_Cooking	Natural_Gas	001	008	007	1	0.66
Commercial	Health	Other_Cooking	Electric	001	008	007	2	0.34
Commercial	Health	Drying	Natural_Gas	001	008	008	1	0.6
Commercial	Health	Drying	Electric	001	008	008	2	0.4
Commercial	Health	AC_Compressor	Natural_Gas	001	008	010	1	0.06
Commercial	Health	AC_Compressor	Electric	001	008	010	2	0.94
Commercial	Health	Other	Natural_Gas	001	008	011	1	1
Commercial	Lodging	Space_Heat	Natural_Gas	001	009	001	1	0.27150838
Commercial	Lodging	Space_Heat	Electric	001	009	001	2	0.72849162
Commercial	Lodging	Water_Heat	Natural_Gas	001	009	002	1	0.989484753
Commercial	Lodging	Water_Heat	Electric	001	009	002	2	0.010515247
Commercial	Lodging	Cook_top	Natural_Gas	001	009	004	1	0.449579832
Commercial	Lodging	Cook_top	Electric	001	009	004	2	0.550420168
Commercial	Lodging	Fryer	Natural_Gas	001	009	005	1	0.449579832
Commercial	Lodging	Fryer	Electric	001	009	005	2	0.550420168
Commercial	Lodging	Griddle	Natural_Gas	001	009	006	1	0.449579832
Commercial	Lodging	Griddle	Electric	001	009	006	2	0.550420168
Commercial	Lodging	Other_Cooking	Natural_Gas	001	009	007	1	0.449579832
Commercial	Lodging	Other_Cooking	Electric	001	009	007	2	0.550420168
Commercial	Lodging	Drying	Natural_Gas	001	009	008	1	0.6
Commercial	Lodging	Drying	Electric	001	009	008	2	0.4
Commercial	Lodging	AC_Compressor	Natural_Gas	001	009	010	1	0.06
Commercial	Lodging	AC_Compressor	Electric	001	009	010	2	0.94

SAN DIEGO GAS & ELECTRIC COMPANY

CORE COMMERCIAL: F-SHARES

zName	bName	nName	fName	z	b	n	f	baseAvgFShare
Commercial Lodging	Other	Natural_Gas	001	009	011	1		1
Commercial Misc	Space_Heat	Natural_Gas	001	010	001	1		0.549640288
Commercial Misc	Space_Heat	Electric	001	010	001	2		0.450359712
Commercial Misc	Water_Heat	Natural_Gas	001	010	002	1		0.556906077
Commercial Misc	Water_Heat	Electric	001	010	002	2		0.443093923
Commercial Misc	Cook_top	Natural_Gas	001	010	004	1		0.977333333
Commercial Misc	Cook_top	Electric	001	010	004	2		0.022666667
Commercial Misc	Fryer	Natural_Gas	001	010	005	1		0.905349794
Commercial Misc	Fryer	Electric	001	010	005	2		0.094650206
Commercial Misc	Griddle	Natural_Gas	001	010	006	1		0.970383275
Commercial Misc	Griddle	Electric	001	010	006	2		0.029616725
Commercial Misc	Other_Cooking	Natural_Gas	001	010	007	1		0.66
Commercial Misc	Other_Cooking	Electric	001	010	007	2		0.34
Commercial Misc	AC_Compressor	Natural_Gas	001	010	010	1		0.06
Commercial Misc	AC_Compressor	Electric	001	010	010	2		0.94
Commercial Misc	Other	Natural_Gas	001	010	011	1		1
Commercial Governme	Space_Heat	Natural_Gas	001	011	001	1		0.855504587
Commercial Governme	Space_Heat	Electric	001	011	001	2		0.144495413
Commercial Governme	Water_Heat	Natural_Gas	001	011	002	1		0.165813715
Commercial Governme	Water_Heat	Electric	001	011	002	2		0.834186285
Commercial Governme	Cook_top	Natural_Gas	001	011	004	1		0.977333333
Commercial Governme	Cook_top	Electric	001	011	004	2		0.022666667
Commercial Governme	Fryer	Natural_Gas	001	011	005	1		0.905349794
Commercial Governme	Fryer	Electric	001	011	005	2		0.094650206
Commercial Governme	Griddle	Natural_Gas	001	011	006	1		0.970383275
Commercial Governme	Griddle	Electric	001	011	006	2		0.029616725
Commercial Governme	Other_Cooking	Natural_Gas	001	011	007	1		0.66

SAN DIEGO GAS & ELECTRIC COMPANY

CORE COMMERCIAL: F-SHARES

zName	bName	nName	fName	z	b	n	f	baseAvgFShare
Commercial	Government	Other_Cooking	Electric	001	011	007	2	0.34
Commercial	Government	AC_Compressor	Natural_Gas	001	011	010	1	0.06
Commercial	Government	AC_Compressor	Electric	001	011	010	2	0.94
Commercial	Government	Other	Natural_Gas	001	011	011	1	1
Commercial	TCU	Space_Heat	Natural_Gas	001	012	001	1	0.576923077
Commercial	TCU	Space_Heat	Electric	001	012	001	2	0.423076923
Commercial	TCU	Water_Heat	Natural_Gas	001	012	002	1	0.676470588
Commercial	TCU	Water_Heat	Electric	001	012	002	2	0.323529412
Commercial	TCU	Engine	Natural_Gas	001	012	009	1	0.06
Commercial	TCU	Engine	Electric	001	012	009	2	0.94
Commercial	TCU	Other	Natural_Gas	001	012	011	1	1
Commercial	Constructic	Space_Heat	Natural_Gas	001	013	001	1	0.576923077
Commercial	Constructic	Space_Heat	Electric	001	013	001	2	0.423076923
Commercial	Constructic	Water_Heat	Natural_Gas	001	013	002	1	0.676470588
Commercial	Constructic	Water_Heat	Electric	001	013	002	2	0.323529412
Commercial	Constructic	Other	Natural_Gas	001	013	011	1	1
Commercial	Agriculture	Space_Heat	Natural_Gas	001	014	001	1	0.576923077
Commercial	Agriculture	Space_Heat	Electric	001	014	001	2	0.423076923
Commercial	Agriculture	Water_Heat	Natural_Gas	001	014	002	1	0.676470588
Commercial	Agriculture	Water_Heat	Electric	001	014	002	2	0.323529412
Commercial	Agriculture	Drying	Natural_Gas	001	014	008	1	1
Commercial	Agriculture	Drying	Electric	001	014	008	2	0
Commercial	Agriculture	Engine	Natural_Gas	001	014	009	1	0.06
Commercial	Agriculture	Engine	Electric	001	014	009	2	0.94
Commercial	Agriculture	Other	Natural_Gas	001	014	011	1	1

SAN DIEGO GAS & ELECTRIC COMPANY

CORE COMMERCIAL: F-SHARES

zName	bName	nName	fName	z	b	n	f	baseMargFShareExisting
Commercial Office	Space_Heat	Natural_Gas	Natural_Gas	001	001	001	1	0.855504587
Commercial Office	Space_Heat	Electric	Electric	001	001	001	2	0.144495413
Commercial Office	Water_Heat	Natural_Gas	Natural_Gas	001	001	002	1	0.165813715
Commercial Office	Water_Heat	Electric	Electric	001	001	002	2	0.834186285
Commercial Office	Cooking	Natural_Gas	Natural_Gas	001	001	003	1	0.020689655
Commercial Office	Cooking	Electric	Electric	001	001	003	2	0.979310345
Commercial Office	AC_Compressor	Natural_Gas	Natural_Gas	001	001	010	1	0.06
Commercial Office	AC_Compressor	Electric	Electric	001	001	010	2	0.94
Commercial Office	Other	Natural_Gas	Natural_Gas	001	001	011	1	1
Commercial Restaurant	Space_Heat	Natural_Gas	Natural_Gas	001	002	001	1	0.590464548
Commercial Restaurant	Space_Heat	Electric	Electric	001	002	001	2	0.409535452
Commercial Restaurant	Water_Heat	Natural_Gas	Natural_Gas	001	002	002	1	0.902040816
Commercial Restaurant	Water_Heat	Electric	Electric	001	002	002	2	0.097959184
Commercial Restaurant	Cook_top	Natural_Gas	Natural_Gas	001	002	004	1	0.977333333
Commercial Restaurant	Cook_top	Electric	Electric	001	002	004	2	0.022666667
Commercial Restaurant	Fryer	Natural_Gas	Natural_Gas	001	002	005	1	0.905349794
Commercial Restaurant	Fryer	Electric	Electric	001	002	005	2	0.094650206
Commercial Restaurant	Griddle	Natural_Gas	Natural_Gas	001	002	006	1	0.970383275
Commercial Restaurant	Griddle	Electric	Electric	001	002	006	2	0.029616725
Commercial Restaurant	Other_Cooking	Natural_Gas	Natural_Gas	001	002	007	1	0.66
Commercial Restaurant	Other_Cooking	Electric	Electric	001	002	007	2	0.34
Commercial Restaurant	AC_Compressor	Natural_Gas	Natural_Gas	001	002	010	1	0.06
Commercial Restaurant	AC_Compressor	Electric	Electric	001	002	010	2	0.94
Commercial Restaurant	Other	Natural_Gas	Natural_Gas	001	002	011	1	1
Commercial Retail	Space_Heat	Natural_Gas	Natural_Gas	001	003	001	1	0.517509728
Commercial Retail	Space_Heat	Electric	Electric	001	003	001	2	0.482490272
Commercial Retail	Water_Heat	Natural_Gas	Natural_Gas	001	003	002	1	0.310077519

SAN DIEGO GAS & ELECTRIC COMPANY

CORE COMMERCIAL: F-SHARES

zName	bName	nName	fName	z	b	n	f	baseMargFShareExisting
Commercial Retail	Water_Heat	Electric	001	003	002	2	0.689922481	
Commercial Retail	Cooking	Natural_Gas	001	003	003	1	0.093670886	
Commercial Retail	Cooking	Electric	001	003	003	2	0.906329114	
Commercial Retail	Other	Natural_Gas	001	003	011	1	1	
Commercial Laundry	Space_Heat	Natural_Gas	001	004	001	1	0.576923077	
Commercial Laundry	Space_Heat	Electric	001	004	001	2	0.423076923	
Commercial Laundry	Water_Heat	Natural_Gas	001	004	002	1	0.676470588	
Commercial Laundry	Water_Heat	Electric	001	004	002	2	0.323529412	
Commercial Laundry	Drying	Natural_Gas	001	004	008	1	0.6	
Commercial Laundry	Drying	Electric	001	004	008	2	0.4	
Commercial Laundry	Other	Natural_Gas	001	004	011	1	1	
Commercial Warehouse	Space_Heat	Natural_Gas	001	005	001	1	0.437229437	
Commercial Warehouse	Space_Heat	Electric	001	005	001	2	0.562770563	
Commercial Warehouse	Water_Heat	Natural_Gas	001	005	002	1	0.071590909	
Commercial Warehouse	Water_Heat	Electric	001	005	002	2	0.928409091	
Commercial Warehouse	Engine	Natural_Gas	001	005	009	1	0.06	
Commercial Warehouse	Engine	Electric	001	005	009	2	0.94	
Commercial Warehouse	Other	Natural_Gas	001	005	011	1	1	
Commercial School	Space_Heat	Natural_Gas	001	006	001	1	0.752843847	
Commercial School	Space_Heat	Electric	001	006	001	2	0.247156153	
Commercial School	Water_Heat	Natural_Gas	001	006	002	1	0.758433079	
Commercial School	Water_Heat	Electric	001	006	002	2	0.241566921	
Commercial School	Cook_top	Natural_Gas	001	006	004	1	0.428571429	
Commercial School	Cook_top	Electric	001	006	004	2	0.571428571	
Commercial School	Fryer	Natural_Gas	001	006	005	1	0.428571429	
Commercial School	Fryer	Electric	001	006	005	2	0.571428571	
Commercial School	Griddle	Natural_Gas	001	006	006	1	0.428571429	

SAN DIEGO GAS & ELECTRIC COMPANY

CORE COMMERCIAL: F-SHARES

zName	bName	nName	fName	z	b	n	f	baseMargFShareExisting
Commercial	School	Griddle	Electric	001	006	006	2	0.571428571
Commercial	School	Other_Cooking	Natural_Gas	001	006	007	1	0.428571429
Commercial	School	Other_Cooking	Electric	001	006	007	2	0.571428571
Commercial	School	AC_Compressor	Natural_Gas	001	006	010	1	0.06
Commercial	School	AC_Compressor	Electric	001	006	010	2	0.94
Commercial	School	Other	Natural_Gas	001	006	011	1	1
Commercial	College	Space_Heat	Natural_Gas	001	007	001	1	0.330275229
Commercial	College	Space_Heat	Electric	001	007	001	2	0.669724771
Commercial	College	Water_Heat	Natural_Gas	001	007	002	1	0.816753927
Commercial	College	Water_Heat	Electric	001	007	002	2	0.183246073
Commercial	College	Cook_top	Natural_Gas	001	007	004	1	0.048010974
Commercial	College	Cook_top	Electric	001	007	004	2	0.951989026
Commercial	College	Fryer	Natural_Gas	001	007	005	1	0.048010974
Commercial	College	Fryer	Electric	001	007	005	2	0.951989026
Commercial	College	Griddle	Natural_Gas	001	007	006	1	0.048010974
Commercial	College	Griddle	Electric	001	007	006	2	0.951989026
Commercial	College	Other_Cooking	Natural_Gas	001	007	007	1	0.048010974
Commercial	College	Other_Cooking	Electric	001	007	007	2	0.951989026
Commercial	College	AC_Compressor	Natural_Gas	001	007	010	1	0.06
Commercial	College	AC_Compressor	Electric	001	007	010	2	0.94
Commercial	College	Other	Natural_Gas	001	007	011	1	1
Commercial	Health	Space_Heat	Natural_Gas	001	008	001	1	0.66025641
Commercial	Health	Space_Heat	Electric	001	008	001	2	0.33974359
Commercial	Health	Water_Heat	Natural_Gas	001	008	002	1	0.824200913
Commercial	Health	Water_Heat	Electric	001	008	002	2	0.175799087
Commercial	Health	Cook_top	Natural_Gas	001	008	004	1	0.094874591
Commercial	Health	Cook_top	Electric	001	008	004	2	0.905125409

SAN DIEGO GAS & ELECTRIC COMPANY

CORE COMMERCIAL: F-SHARES

zName	bName	nName	fName	z	b	n	f	baseMargFShareExisting
Commercial	Health	Fryer	Natural_Gas	001	008	005	1	0.094874591
Commercial	Health	Fryer	Electric	001	008	005	2	0.905125409
Commercial	Health	Griddle	Natural_Gas	001	008	006	1	0.094874591
Commercial	Health	Griddle	Electric	001	008	006	2	0.905125409
Commercial	Health	Other_Cooking	Natural_Gas	001	008	007	1	0.66
Commercial	Health	Other_Cooking	Electric	001	008	007	2	0.34
Commercial	Health	Drying	Natural_Gas	001	008	008	1	0.6
Commercial	Health	Drying	Electric	001	008	008	2	0.4
Commercial	Health	AC_Compressor	Natural_Gas	001	008	010	1	0.06
Commercial	Health	AC_Compressor	Electric	001	008	010	2	0.94
Commercial	Health	Other	Natural_Gas	001	008	011	1	1
Commercial	Lodging	Space_Heat	Natural_Gas	001	009	001	1	0.27150838
Commercial	Lodging	Space_Heat	Electric	001	009	001	2	0.72849162
Commercial	Lodging	Water_Heat	Natural_Gas	001	009	002	1	0.989484753
Commercial	Lodging	Water_Heat	Electric	001	009	002	2	0.010515247
Commercial	Lodging	Cook_top	Natural_Gas	001	009	004	1	0.449579832
Commercial	Lodging	Cook_top	Electric	001	009	004	2	0.550420168
Commercial	Lodging	Fryer	Natural_Gas	001	009	005	1	0.449579832
Commercial	Lodging	Fryer	Electric	001	009	005	2	0.550420168
Commercial	Lodging	Griddle	Natural_Gas	001	009	006	1	0.449579832
Commercial	Lodging	Griddle	Electric	001	009	006	2	0.550420168
Commercial	Lodging	Other_Cooking	Natural_Gas	001	009	007	1	0.449579832
Commercial	Lodging	Other_Cooking	Electric	001	009	007	2	0.550420168
Commercial	Lodging	Drying	Natural_Gas	001	009	008	1	0.6
Commercial	Lodging	Drying	Electric	001	009	008	2	0.4
Commercial	Lodging	AC_Compressor	Natural_Gas	001	009	010	1	0.06
Commercial	Lodging	AC_Compressor	Electric	001	009	010	2	0.94

SAN DIEGO GAS & ELECTRIC COMPANY

CORE COMMERCIAL: F-SHARES

zName	bName	nName	fName	z	b	n	f	baseMargFShareExisting
Commercial Lodging	Other	Natural_Gas	001	009	011	1		1
Commercial Misc	Space_Heat	Natural_Gas	001	010	001	1		0.549640288
Commercial Misc	Space_Heat	Electric	001	010	001	2		0.450359712
Commercial Misc	Water_Heat	Natural_Gas	001	010	002	1		0.556906077
Commercial Misc	Water_Heat	Electric	001	010	002	2		0.443093923
Commercial Misc	Cook_top	Natural_Gas	001	010	004	1		0.977333333
Commercial Misc	Cook_top	Electric	001	010	004	2		0.022666667
Commercial Misc	Fryer	Natural_Gas	001	010	005	1		0.905349794
Commercial Misc	Fryer	Electric	001	010	005	2		0.094650206
Commercial Misc	Griddle	Natural_Gas	001	010	006	1		0.970383275
Commercial Misc	Griddle	Electric	001	010	006	2		0.029616725
Commercial Misc	Other_Cooking	Natural_Gas	001	010	007	1		0.66
Commercial Misc	Other_Cooking	Electric	001	010	007	2		0.34
Commercial Misc	AC_Compressor	Natural_Gas	001	010	010	1		0.06
Commercial Misc	AC_Compressor	Electric	001	010	010	2		0.94
Commercial Misc	Other	Natural_Gas	001	010	011	1		1
Commercial Governme	Space_Heat	Natural_Gas	001	011	001	1		0.855504587
Commercial Governme	Space_Heat	Electric	001	011	001	2		0.144495413
Commercial Governme	Water_Heat	Natural_Gas	001	011	002	1		0.165813715
Commercial Governme	Water_Heat	Electric	001	011	002	2		0.834186285
Commercial Governme	Cook_top	Natural_Gas	001	011	004	1		0.977333333
Commercial Governme	Cook_top	Electric	001	011	004	2		0.022666667
Commercial Governme	Fryer	Natural_Gas	001	011	005	1		0.905349794
Commercial Governme	Fryer	Electric	001	011	005	2		0.094650206
Commercial Governme	Griddle	Natural_Gas	001	011	006	1		0.970383275
Commercial Governme	Griddle	Electric	001	011	006	2		0.029616725
Commercial Governme	Other_Cooking	Natural_Gas	001	011	007	1		0.66

SAN DIEGO GAS & ELECTRIC COMPANY

CORE COMMERCIAL: F-SHARES

zName	bName	nName	fName	z	b	n	f	baseMargFShareExisting
Commercial	Government	Other_Cooking	Electric	001	011	007	2	0.34
Commercial	Government	AC_Compressor	Natural_Gas	001	011	010	1	0.06
Commercial	Government	AC_Compressor	Electric	001	011	010	2	0.94
Commercial	Government	Other	Natural_Gas	001	011	011	1	1
Commercial	TCU	Space_Heat	Natural_Gas	001	012	001	1	0.576923077
Commercial	TCU	Space_Heat	Electric	001	012	001	2	0.423076923
Commercial	TCU	Water_Heat	Natural_Gas	001	012	002	1	0.676470588
Commercial	TCU	Water_Heat	Electric	001	012	002	2	0.323529412
Commercial	TCU	Engine	Natural_Gas	001	012	009	1	0.06
Commercial	TCU	Engine	Electric	001	012	009	2	0.94
Commercial	TCU	Other	Natural_Gas	001	012	011	1	1
Commercial	Constructic	Space_Heat	Natural_Gas	001	013	001	1	0.576923077
Commercial	Constructic	Space_Heat	Electric	001	013	001	2	0.423076923
Commercial	Constructic	Water_Heat	Natural_Gas	001	013	002	1	0.676470588
Commercial	Constructic	Water_Heat	Electric	001	013	002	2	0.323529412
Commercial	Constructic	Other	Natural_Gas	001	013	011	1	1
Commercial	Agriculture	Space_Heat	Natural_Gas	001	014	001	1	0.576923077
Commercial	Agriculture	Space_Heat	Electric	001	014	001	2	0.423076923
Commercial	Agriculture	Water_Heat	Natural_Gas	001	014	002	1	0.676470588
Commercial	Agriculture	Water_Heat	Electric	001	014	002	2	0.323529412
Commercial	Agriculture	Drying	Natural_Gas	001	014	008	1	1
Commercial	Agriculture	Drying	Electric	001	014	008	2	0
Commercial	Agriculture	Engine	Natural_Gas	001	014	009	1	0.06
Commercial	Agriculture	Engine	Electric	001	014	009	2	0.94
Commercial	Agriculture	Other	Natural_Gas	001	014	011	1	1

SAN DIEGO GAS & ELECTRIC COMPANY

CORE COMMERCIAL: F-SHARES

zName	bName	nName	fName	z	b	n	f	baseMargFShareConversion
Commercial Office	Space_Heat	Natural_Gas	Natural_Gas	001	001	001	1	0.855504587
Commercial Office	Space_Heat	Electric	Electric	001	001	001	2	0.144495413
Commercial Office	Water_Heat	Natural_Gas	Natural_Gas	001	001	002	1	0.165813715
Commercial Office	Water_Heat	Electric	Electric	001	001	002	2	0.834186285
Commercial Office	Cooking	Natural_Gas	Natural_Gas	001	001	003	1	0.020689655
Commercial Office	Cooking	Electric	Electric	001	001	003	2	0.979310345
Commercial Office	AC_Compressor	Natural_Gas	Natural_Gas	001	001	010	1	0.06
Commercial Office	AC_Compressor	Electric	Electric	001	001	010	2	0.94
Commercial Office	Other	Natural_Gas	Natural_Gas	001	001	011	1	1
Commercial Restaurant	Space_Heat	Natural_Gas	Natural_Gas	001	002	001	1	0.590464548
Commercial Restaurant	Space_Heat	Electric	Electric	001	002	001	2	0.409535452
Commercial Restaurant	Water_Heat	Natural_Gas	Natural_Gas	001	002	002	1	0.902040816
Commercial Restaurant	Water_Heat	Electric	Electric	001	002	002	2	0.097959184
Commercial Restaurant	Cook_top	Natural_Gas	Natural_Gas	001	002	004	1	0.977333333
Commercial Restaurant	Cook_top	Electric	Electric	001	002	004	2	0.022666667
Commercial Restaurant	Fryer	Natural_Gas	Natural_Gas	001	002	005	1	0.905349794
Commercial Restaurant	Fryer	Electric	Electric	001	002	005	2	0.094650206
Commercial Restaurant	Griddle	Natural_Gas	Natural_Gas	001	002	006	1	0.970383275
Commercial Restaurant	Griddle	Electric	Electric	001	002	006	2	0.029616725
Commercial Restaurant	Other_Cooking	Natural_Gas	Natural_Gas	001	002	007	1	0.66
Commercial Restaurant	Other_Cooking	Electric	Electric	001	002	007	2	0.34
Commercial Restaurant	AC_Compressor	Natural_Gas	Natural_Gas	001	002	010	1	0.06
Commercial Restaurant	AC_Compressor	Electric	Electric	001	002	010	2	0.94
Commercial Restaurant	Other	Natural_Gas	Natural_Gas	001	002	011	1	1
Commercial Retail	Space_Heat	Natural_Gas	Natural_Gas	001	003	001	1	0.517509728
Commercial Retail	Space_Heat	Electric	Electric	001	003	001	2	0.482490272
Commercial Retail	Water_Heat	Natural_Gas	Natural_Gas	001	003	002	1	0.310077519

SAN DIEGO GAS & ELECTRIC COMPANY

CORE COMMERCIAL: F-SHARES

zName	bName	nName	fName	z	b	n	f	baseMargFShareConversion
Commercial Retail		Water_Heat	Electric	001	003	002	2	0.689922481
Commercial Retail		Cooking	Natural_Gas	001	003	003	1	0.093670886
Commercial Retail		Cooking	Electric	001	003	003	2	0.906329114
Commercial Retail		Other	Natural_Gas	001	003	011	1	1
Commercial Laundry		Space_Heat	Natural_Gas	001	004	001	1	0.576923077
Commercial Laundry		Space_Heat	Electric	001	004	001	2	0.423076923
Commercial Laundry		Water_Heat	Natural_Gas	001	004	002	1	0.676470588
Commercial Laundry		Water_Heat	Electric	001	004	002	2	0.323529412
Commercial Laundry		Drying	Natural_Gas	001	004	008	1	0.6
Commercial Laundry		Drying	Electric	001	004	008	2	0.4
Commercial Laundry		Other	Natural_Gas	001	004	011	1	1
Commercial Warehouse		Space_Heat	Natural_Gas	001	005	001	1	0.437229437
Commercial Warehouse		Space_Heat	Electric	001	005	001	2	0.562770563
Commercial Warehouse		Water_Heat	Natural_Gas	001	005	002	1	0.071590909
Commercial Warehouse		Water_Heat	Electric	001	005	002	2	0.928409091
Commercial Warehouse		Engine	Natural_Gas	001	005	009	1	0.06
Commercial Warehouse		Engine	Electric	001	005	009	2	0.94
Commercial Warehouse		Other	Natural_Gas	001	005	011	1	1
Commercial School		Space_Heat	Natural_Gas	001	006	001	1	0.752843847
Commercial School		Space_Heat	Electric	001	006	001	2	0.247156153
Commercial School		Water_Heat	Natural_Gas	001	006	002	1	0.758433079
Commercial School		Water_Heat	Electric	001	006	002	2	0.241566921
Commercial School		Cook_top	Natural_Gas	001	006	004	1	0.428571429
Commercial School		Cook_top	Electric	001	006	004	2	0.571428571
Commercial School		Fryer	Natural_Gas	001	006	005	1	0.428571429
Commercial School		Fryer	Electric	001	006	005	2	0.571428571
Commercial School		Griddle	Natural_Gas	001	006	006	1	0.428571429

SAN DIEGO GAS & ELECTRIC COMPANY

CORE COMMERCIAL: F-SHARES

zName	bName	nName	fName	z	b	n	f	baseMargFShareConversion
Commercial	School	Griddle	Electric	001	006	006	2	0.571428571
Commercial	School	Other_Cooking	Natural_Gas	001	006	007	1	0.428571429
Commercial	School	Other_Cooking	Electric	001	006	007	2	0.571428571
Commercial	School	AC_Compressor	Natural_Gas	001	006	010	1	0.06
Commercial	School	AC_Compressor	Electric	001	006	010	2	0.94
Commercial	School	Other	Natural_Gas	001	006	011	1	1
Commercial	College	Space_Heat	Natural_Gas	001	007	001	1	0.330275229
Commercial	College	Space_Heat	Electric	001	007	001	2	0.669724771
Commercial	College	Water_Heat	Natural_Gas	001	007	002	1	0.816753927
Commercial	College	Water_Heat	Electric	001	007	002	2	0.183246073
Commercial	College	Cook_top	Natural_Gas	001	007	004	1	0.048010974
Commercial	College	Cook_top	Electric	001	007	004	2	0.951989026
Commercial	College	Fryer	Natural_Gas	001	007	005	1	0.048010974
Commercial	College	Fryer	Electric	001	007	005	2	0.951989026
Commercial	College	Griddle	Natural_Gas	001	007	006	1	0.048010974
Commercial	College	Griddle	Electric	001	007	006	2	0.951989026
Commercial	College	Other_Cooking	Natural_Gas	001	007	007	1	0.048010974
Commercial	College	Other_Cooking	Electric	001	007	007	2	0.951989026
Commercial	College	AC_Compressor	Natural_Gas	001	007	010	1	0.06
Commercial	College	AC_Compressor	Electric	001	007	010	2	0.94
Commercial	College	Other	Natural_Gas	001	007	011	1	1
Commercial	Health	Space_Heat	Natural_Gas	001	008	001	1	0.66025641
Commercial	Health	Space_Heat	Electric	001	008	001	2	0.33974359
Commercial	Health	Water_Heat	Natural_Gas	001	008	002	1	0.824200913
Commercial	Health	Water_Heat	Electric	001	008	002	2	0.175799087
Commercial	Health	Cook_top	Natural_Gas	001	008	004	1	0.094874591
Commercial	Health	Cook_top	Electric	001	008	004	2	0.905125409

SAN DIEGO GAS & ELECTRIC COMPANY

CORE COMMERCIAL: F-SHARES

zName	bName	nName	fName	z	b	n	f	baseMargFShareConversion
Commercial	Health	Fryer	Natural_Gas	001	008	005	1	0.094874591
Commercial	Health	Fryer	Electric	001	008	005	2	0.905125409
Commercial	Health	Griddle	Natural_Gas	001	008	006	1	0.094874591
Commercial	Health	Griddle	Electric	001	008	006	2	0.905125409
Commercial	Health	Other_Cooking	Natural_Gas	001	008	007	1	0.66
Commercial	Health	Other_Cooking	Electric	001	008	007	2	0.34
Commercial	Health	Drying	Natural_Gas	001	008	008	1	0.6
Commercial	Health	Drying	Electric	001	008	008	2	0.4
Commercial	Health	AC_Compressor	Natural_Gas	001	008	010	1	0.06
Commercial	Health	AC_Compressor	Electric	001	008	010	2	0.94
Commercial	Health	Other	Natural_Gas	001	008	011	1	1
Commercial	Lodging	Space_Heat	Natural_Gas	001	009	001	1	0.27150838
Commercial	Lodging	Space_Heat	Electric	001	009	001	2	0.72849162
Commercial	Lodging	Water_Heat	Natural_Gas	001	009	002	1	0.989484753
Commercial	Lodging	Water_Heat	Electric	001	009	002	2	0.010515247
Commercial	Lodging	Cook_top	Natural_Gas	001	009	004	1	0.449579832
Commercial	Lodging	Cook_top	Electric	001	009	004	2	0.550420168
Commercial	Lodging	Fryer	Natural_Gas	001	009	005	1	0.449579832
Commercial	Lodging	Fryer	Electric	001	009	005	2	0.550420168
Commercial	Lodging	Griddle	Natural_Gas	001	009	006	1	0.449579832
Commercial	Lodging	Griddle	Electric	001	009	006	2	0.550420168
Commercial	Lodging	Other_Cooking	Natural_Gas	001	009	007	1	0.449579832
Commercial	Lodging	Other_Cooking	Electric	001	009	007	2	0.550420168
Commercial	Lodging	Drying	Natural_Gas	001	009	008	1	0.6
Commercial	Lodging	Drying	Electric	001	009	008	2	0.4
Commercial	Lodging	AC_Compressor	Natural_Gas	001	009	010	1	0.06
Commercial	Lodging	AC_Compressor	Electric	001	009	010	2	0.94

SAN DIEGO GAS & ELECTRIC COMPANY

CORE COMMERCIAL: F-SHARES

zName	bName	nName	fName	z	b	n	f	baseMargFShareConversion
Commercial Lodging	Other	Natural_Gas	001	009	011	1	1	
Commercial Misc	Space_Heat	Natural_Gas	001	010	001	1	0.549640288	
Commercial Misc	Space_Heat	Electric	001	010	001	2	0.450359712	
Commercial Misc	Water_Heat	Natural_Gas	001	010	002	1	0.556906077	
Commercial Misc	Water_Heat	Electric	001	010	002	2	0.443093923	
Commercial Misc	Cook_top	Natural_Gas	001	010	004	1	0.977333333	
Commercial Misc	Cook_top	Electric	001	010	004	2	0.022666667	
Commercial Misc	Fryer	Natural_Gas	001	010	005	1	0.905349794	
Commercial Misc	Fryer	Electric	001	010	005	2	0.094650206	
Commercial Misc	Griddle	Natural_Gas	001	010	006	1	0.970383275	
Commercial Misc	Griddle	Electric	001	010	006	2	0.029616725	
Commercial Misc	Other_Cooking	Natural_Gas	001	010	007	1	0.66	
Commercial Misc	Other_Cooking	Electric	001	010	007	2	0.34	
Commercial Misc	AC_Compressor	Natural_Gas	001	010	010	1	0.06	
Commercial Misc	AC_Compressor	Electric	001	010	010	2	0.94	
Commercial Misc	Other	Natural_Gas	001	010	011	1	1	
Commercial Governme	Space_Heat	Natural_Gas	001	011	001	1	0.855504587	
Commercial Governme	Space_Heat	Electric	001	011	001	2	0.144495413	
Commercial Governme	Water_Heat	Natural_Gas	001	011	002	1	0.165813715	
Commercial Governme	Water_Heat	Electric	001	011	002	2	0.834186285	
Commercial Governme	Cook_top	Natural_Gas	001	011	004	1	0.977333333	
Commercial Governme	Cook_top	Electric	001	011	004	2	0.022666667	
Commercial Governme	Fryer	Natural_Gas	001	011	005	1	0.905349794	
Commercial Governme	Fryer	Electric	001	011	005	2	0.094650206	
Commercial Governme	Griddle	Natural_Gas	001	011	006	1	0.970383275	
Commercial Governme	Griddle	Electric	001	011	006	2	0.029616725	
Commercial Governme	Other_Cooking	Natural_Gas	001	011	007	1	0.66	

SAN DIEGO GAS & ELECTRIC COMPANY

CORE COMMERCIAL: F-SHARES

zName	bName	nName	fName	z	b	n	f	baseMargFShareConversion
Commercial	Government	Other_Cooking	Electric	001	011	007	2	0.34
Commercial	Government	AC_Compressor	Natural_Gas	001	011	010	1	0.06
Commercial	Government	AC_Compressor	Electric	001	011	010	2	0.94
Commercial	Government	Other	Natural_Gas	001	011	011	1	1
Commercial	TCU	Space_Heat	Natural_Gas	001	012	001	1	0.576923077
Commercial	TCU	Space_Heat	Electric	001	012	001	2	0.423076923
Commercial	TCU	Water_Heat	Natural_Gas	001	012	002	1	0.676470588
Commercial	TCU	Water_Heat	Electric	001	012	002	2	0.323529412
Commercial	TCU	Engine	Natural_Gas	001	012	009	1	0.06
Commercial	TCU	Engine	Electric	001	012	009	2	0.94
Commercial	TCU	Other	Natural_Gas	001	012	011	1	1
Commercial	Constructic	Space_Heat	Natural_Gas	001	013	001	1	0.576923077
Commercial	Constructic	Space_Heat	Electric	001	013	001	2	0.423076923
Commercial	Constructic	Water_Heat	Natural_Gas	001	013	002	1	0.676470588
Commercial	Constructic	Water_Heat	Electric	001	013	002	2	0.323529412
Commercial	Constructic	Other	Natural_Gas	001	013	011	1	1
Commercial	Agriculture	Space_Heat	Natural_Gas	001	014	001	1	0.576923077
Commercial	Agriculture	Space_Heat	Electric	001	014	001	2	0.423076923
Commercial	Agriculture	Water_Heat	Natural_Gas	001	014	002	1	0.676470588
Commercial	Agriculture	Water_Heat	Electric	001	014	002	2	0.323529412
Commercial	Agriculture	Drying	Natural_Gas	001	014	008	1	1
Commercial	Agriculture	Drying	Electric	001	014	008	2	0
Commercial	Agriculture	Engine	Natural_Gas	001	014	009	1	0.06
Commercial	Agriculture	Engine	Electric	001	014	009	2	0.94
Commercial	Agriculture	Other	Natural_Gas	001	014	011	1	1

SAN DIEGO GAS & ELECTRIC COMPANY

CORE COMMERCIAL: F-SHARES

zName	bName	nName	fName	z	b	n	f	baseMargFShareNew
Commercial Office	Space_Heat	Natural_Gas	Natural_Gas	001	001	001	1	0.855504587
Commercial Office	Space_Heat	Electric	Electric	001	001	001	2	0.144495413
Commercial Office	Water_Heat	Natural_Gas	Natural_Gas	001	001	002	1	0.165813715
Commercial Office	Water_Heat	Electric	Electric	001	001	002	2	0.834186285
Commercial Office	Cooking	Natural_Gas	Natural_Gas	001	001	003	1	0.020689655
Commercial Office	Cooking	Electric	Electric	001	001	003	2	0.979310345
Commercial Office	AC_Compressor	Natural_Gas	Natural_Gas	001	001	010	1	0.06
Commercial Office	AC_Compressor	Electric	Electric	001	001	010	2	0.94
Commercial Office	Other	Natural_Gas	Natural_Gas	001	001	011	1	1
Commercial Restaurant	Space_Heat	Natural_Gas	Natural_Gas	001	002	001	1	0.590464548
Commercial Restaurant	Space_Heat	Electric	Electric	001	002	001	2	0.409535452
Commercial Restaurant	Water_Heat	Natural_Gas	Natural_Gas	001	002	002	1	0.902040816
Commercial Restaurant	Water_Heat	Electric	Electric	001	002	002	2	0.097959184
Commercial Restaurant	Cook_top	Natural_Gas	Natural_Gas	001	002	004	1	0.977333333
Commercial Restaurant	Cook_top	Electric	Electric	001	002	004	2	0.022666667
Commercial Restaurant	Fryer	Natural_Gas	Natural_Gas	001	002	005	1	0.905349794
Commercial Restaurant	Fryer	Electric	Electric	001	002	005	2	0.094650206
Commercial Restaurant	Griddle	Natural_Gas	Natural_Gas	001	002	006	1	0.970383275
Commercial Restaurant	Griddle	Electric	Electric	001	002	006	2	0.029616725
Commercial Restaurant	Other_Cooking	Natural_Gas	Natural_Gas	001	002	007	1	0.66
Commercial Restaurant	Other_Cooking	Electric	Electric	001	002	007	2	0.34
Commercial Restaurant	AC_Compressor	Natural_Gas	Natural_Gas	001	002	010	1	0.06
Commercial Restaurant	AC_Compressor	Electric	Electric	001	002	010	2	0.94
Commercial Restaurant	Other	Natural_Gas	Natural_Gas	001	002	011	1	1
Commercial Retail	Space_Heat	Natural_Gas	Natural_Gas	001	003	001	1	0.517509728
Commercial Retail	Space_Heat	Electric	Electric	001	003	001	2	0.482490272
Commercial Retail	Water_Heat	Natural_Gas	Natural_Gas	001	003	002	1	0.310077519

SAN DIEGO GAS & ELECTRIC COMPANY

CORE COMMERCIAL: F-SHARES

zName	bName	nName	fName	z	b	n	f	baseMargFShareNew
Commercial Retail		Water_Heat	Electric	001	003	002	2	0.689922481
Commercial Retail		Cooking	Natural_Gas	001	003	003	1	0.093670886
Commercial Retail		Cooking	Electric	001	003	003	2	0.906329114
Commercial Retail		Other	Natural_Gas	001	003	011	1	1
Commercial Laundry		Space_Heat	Natural_Gas	001	004	001	1	0.576923077
Commercial Laundry		Space_Heat	Electric	001	004	001	2	0.423076923
Commercial Laundry		Water_Heat	Natural_Gas	001	004	002	1	0.676470588
Commercial Laundry		Water_Heat	Electric	001	004	002	2	0.323529412
Commercial Laundry		Drying	Natural_Gas	001	004	008	1	0.6
Commercial Laundry		Drying	Electric	001	004	008	2	0.4
Commercial Laundry		Other	Natural_Gas	001	004	011	1	1
Commercial Warehouse		Space_Heat	Natural_Gas	001	005	001	1	0.437229437
Commercial Warehouse		Space_Heat	Electric	001	005	001	2	0.562770563
Commercial Warehouse		Water_Heat	Natural_Gas	001	005	002	1	0.071590909
Commercial Warehouse		Water_Heat	Electric	001	005	002	2	0.928409091
Commercial Warehouse		Engine	Natural_Gas	001	005	009	1	0.06
Commercial Warehouse		Engine	Electric	001	005	009	2	0.94
Commercial Warehouse		Other	Natural_Gas	001	005	011	1	1
Commercial School		Space_Heat	Natural_Gas	001	006	001	1	0.752843847
Commercial School		Space_Heat	Electric	001	006	001	2	0.247156153
Commercial School		Water_Heat	Natural_Gas	001	006	002	1	0.758433079
Commercial School		Water_Heat	Electric	001	006	002	2	0.241566921
Commercial School		Cook_top	Natural_Gas	001	006	004	1	0.428571429
Commercial School		Cook_top	Electric	001	006	004	2	0.571428571
Commercial School		Fryer	Natural_Gas	001	006	005	1	0.428571429
Commercial School		Fryer	Electric	001	006	005	2	0.571428571
Commercial School		Griddle	Natural_Gas	001	006	006	1	0.428571429

SAN DIEGO GAS & ELECTRIC COMPANY

CORE COMMERCIAL: F-SHARES

zName	bName	nName	fName	z	b	n	f	baseMargFShareNew
Commercial	School	Griddle	Electric	001	006	006	2	0.571428571
Commercial	School	Other_Cooking	Natural_Gas	001	006	007	1	0.428571429
Commercial	School	Other_Cooking	Electric	001	006	007	2	0.571428571
Commercial	School	AC_Compressor	Natural_Gas	001	006	010	1	0.06
Commercial	School	AC_Compressor	Electric	001	006	010	2	0.94
Commercial	School	Other	Natural_Gas	001	006	011	1	1
Commercial	College	Space_Heat	Natural_Gas	001	007	001	1	0.330275229
Commercial	College	Space_Heat	Electric	001	007	001	2	0.669724771
Commercial	College	Water_Heat	Natural_Gas	001	007	002	1	0.816753927
Commercial	College	Water_Heat	Electric	001	007	002	2	0.183246073
Commercial	College	Cook_top	Natural_Gas	001	007	004	1	0.048010974
Commercial	College	Cook_top	Electric	001	007	004	2	0.951989026
Commercial	College	Fryer	Natural_Gas	001	007	005	1	0.048010974
Commercial	College	Fryer	Electric	001	007	005	2	0.951989026
Commercial	College	Griddle	Natural_Gas	001	007	006	1	0.048010974
Commercial	College	Griddle	Electric	001	007	006	2	0.951989026
Commercial	College	Other_Cooking	Natural_Gas	001	007	007	1	0.048010974
Commercial	College	Other_Cooking	Electric	001	007	007	2	0.951989026
Commercial	College	AC_Compressor	Natural_Gas	001	007	010	1	0.06
Commercial	College	AC_Compressor	Electric	001	007	010	2	0.94
Commercial	College	Other	Natural_Gas	001	007	011	1	1
Commercial	Health	Space_Heat	Natural_Gas	001	008	001	1	0.66025641
Commercial	Health	Space_Heat	Electric	001	008	001	2	0.33974359
Commercial	Health	Water_Heat	Natural_Gas	001	008	002	1	0.824200913
Commercial	Health	Water_Heat	Electric	001	008	002	2	0.175799087
Commercial	Health	Cook_top	Natural_Gas	001	008	004	1	0.094874591
Commercial	Health	Cook_top	Electric	001	008	004	2	0.905125409

SAN DIEGO GAS & ELECTRIC COMPANY

CORE COMMERCIAL: F-SHARES

zName	bName	nName	fName	z	b	n	f	baseMargFShareNew
Commercial	Health	Fryer	Natural_Gas	001	008	005	1	0.094874591
Commercial	Health	Fryer	Electric	001	008	005	2	0.905125409
Commercial	Health	Griddle	Natural_Gas	001	008	006	1	0.094874591
Commercial	Health	Griddle	Electric	001	008	006	2	0.905125409
Commercial	Health	Other_Cooking	Natural_Gas	001	008	007	1	0.66
Commercial	Health	Other_Cooking	Electric	001	008	007	2	0.34
Commercial	Health	Drying	Natural_Gas	001	008	008	1	0.6
Commercial	Health	Drying	Electric	001	008	008	2	0.4
Commercial	Health	AC_Compressor	Natural_Gas	001	008	010	1	0.06
Commercial	Health	AC_Compressor	Electric	001	008	010	2	0.94
Commercial	Health	Other	Natural_Gas	001	008	011	1	1
Commercial	Lodging	Space_Heat	Natural_Gas	001	009	001	1	0.27150838
Commercial	Lodging	Space_Heat	Electric	001	009	001	2	0.72849162
Commercial	Lodging	Water_Heat	Natural_Gas	001	009	002	1	0.989484753
Commercial	Lodging	Water_Heat	Electric	001	009	002	2	0.010515247
Commercial	Lodging	Cook_top	Natural_Gas	001	009	004	1	0.449579832
Commercial	Lodging	Cook_top	Electric	001	009	004	2	0.550420168
Commercial	Lodging	Fryer	Natural_Gas	001	009	005	1	0.449579832
Commercial	Lodging	Fryer	Electric	001	009	005	2	0.550420168
Commercial	Lodging	Griddle	Natural_Gas	001	009	006	1	0.449579832
Commercial	Lodging	Griddle	Electric	001	009	006	2	0.550420168
Commercial	Lodging	Other_Cooking	Natural_Gas	001	009	007	1	0.449579832
Commercial	Lodging	Other_Cooking	Electric	001	009	007	2	0.550420168
Commercial	Lodging	Drying	Natural_Gas	001	009	008	1	0.6
Commercial	Lodging	Drying	Electric	001	009	008	2	0.4
Commercial	Lodging	AC_Compressor	Natural_Gas	001	009	010	1	0.06
Commercial	Lodging	AC_Compressor	Electric	001	009	010	2	0.94

SAN DIEGO GAS & ELECTRIC COMPANY

CORE COMMERCIAL: F-SHARES

zName	bName	nName	fName	z	b	n	f	baseMargFShareNew
Commercial Lodging	Other	Natural_Gas	001	009	011	1		1
Commercial Misc	Space_Heat	Natural_Gas	001	010	001	1		0.549640288
Commercial Misc	Space_Heat	Electric	001	010	001	2		0.450359712
Commercial Misc	Water_Heat	Natural_Gas	001	010	002	1		0.556906077
Commercial Misc	Water_Heat	Electric	001	010	002	2		0.443093923
Commercial Misc	Cook_top	Natural_Gas	001	010	004	1		0.977333333
Commercial Misc	Cook_top	Electric	001	010	004	2		0.022666667
Commercial Misc	Fryer	Natural_Gas	001	010	005	1		0.905349794
Commercial Misc	Fryer	Electric	001	010	005	2		0.094650206
Commercial Misc	Griddle	Natural_Gas	001	010	006	1		0.970383275
Commercial Misc	Griddle	Electric	001	010	006	2		0.029616725
Commercial Misc	Other_Cooking	Natural_Gas	001	010	007	1		0.66
Commercial Misc	Other_Cooking	Electric	001	010	007	2		0.34
Commercial Misc	AC_Compressor	Natural_Gas	001	010	010	1		0.06
Commercial Misc	AC_Compressor	Electric	001	010	010	2		0.94
Commercial Misc	Other	Natural_Gas	001	010	011	1		1
Commercial Governme	Space_Heat	Natural_Gas	001	011	001	1		0.855504587
Commercial Governme	Space_Heat	Electric	001	011	001	2		0.144495413
Commercial Governme	Water_Heat	Natural_Gas	001	011	002	1		0.165813715
Commercial Governme	Water_Heat	Electric	001	011	002	2		0.834186285
Commercial Governme	Cook_top	Natural_Gas	001	011	004	1		0.977333333
Commercial Governme	Cook_top	Electric	001	011	004	2		0.022666667
Commercial Governme	Fryer	Natural_Gas	001	011	005	1		0.905349794
Commercial Governme	Fryer	Electric	001	011	005	2		0.094650206
Commercial Governme	Griddle	Natural_Gas	001	011	006	1		0.970383275
Commercial Governme	Griddle	Electric	001	011	006	2		0.029616725
Commercial Governme	Other_Cooking	Natural_Gas	001	011	007	1		0.66

SAN DIEGO GAS & ELECTRIC COMPANY

CORE COMMERCIAL: F-SHARES

zName	bName	nName	fName	z	b	n	f	baseMargFShareNew
Commercial	Government	Other_Cooking	Electric	001	011	007	2	0.34
Commercial	Government	AC_Compressor	Natural_Gas	001	011	010	1	0.06
Commercial	Government	AC_Compressor	Electric	001	011	010	2	0.94
Commercial	Government	Other	Natural_Gas	001	011	011	1	1
Commercial	TCU	Space_Heat	Natural_Gas	001	012	001	1	0.576923077
Commercial	TCU	Space_Heat	Electric	001	012	001	2	0.423076923
Commercial	TCU	Water_Heat	Natural_Gas	001	012	002	1	0.676470588
Commercial	TCU	Water_Heat	Electric	001	012	002	2	0.323529412
Commercial	TCU	Engine	Natural_Gas	001	012	009	1	0.06
Commercial	TCU	Engine	Electric	001	012	009	2	0.94
Commercial	TCU	Other	Natural_Gas	001	012	011	1	1
Commercial	Constructic	Space_Heat	Natural_Gas	001	013	001	1	0.576923077
Commercial	Constructic	Space_Heat	Electric	001	013	001	2	0.423076923
Commercial	Constructic	Water_Heat	Natural_Gas	001	013	002	1	0.676470588
Commercial	Constructic	Water_Heat	Electric	001	013	002	2	0.323529412
Commercial	Constructic	Other	Natural_Gas	001	013	011	1	1
Commercial	Agriculture	Space_Heat	Natural_Gas	001	014	001	1	0.576923077
Commercial	Agriculture	Space_Heat	Electric	001	014	001	2	0.423076923
Commercial	Agriculture	Water_Heat	Natural_Gas	001	014	002	1	0.676470588
Commercial	Agriculture	Water_Heat	Electric	001	014	002	2	0.323529412
Commercial	Agriculture	Drying	Natural_Gas	001	014	008	1	1
Commercial	Agriculture	Drying	Electric	001	014	008	2	0
Commercial	Agriculture	Engine	Natural_Gas	001	014	009	1	0.06
Commercial	Agriculture	Engine	Electric	001	014	009	2	0.94
Commercial	Agriculture	Other	Natural_Gas	001	014	011	1	1

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	baseAvgEShare
Commercial Laundry	Drying	Electric	Standard	001	004	008	2	2		0.35
Commercial Laundry	Other	Natural_Gas	Stock	001	004	011	1	1		1
Commercial Warehouse	Space_Heat	Natural_Gas	Stock	001	005	001	1	1		0.65
Commercial Warehouse	Space_Heat	Natural_Gas	Standard	001	005	001	1	2		0.3
Commercial Warehouse	Space_Heat	Natural_Gas	High	001	005	001	1	3		0.04
Commercial Warehouse	Space_Heat	Natural_Gas	Premium	001	005	001	1	4		0.01
Commercial Warehouse	Space_Heat	Electric	Stock	001	005	001	2	1		1
Commercial Warehouse	Water_Heat	Natural_Gas	Stock	001	005	002	1	1		0.4
Commercial Warehouse	Water_Heat	Natural_Gas	Standard	001	005	002	1	2		0.5
Commercial Warehouse	Water_Heat	Natural_Gas	High	001	005	002	1	3		0.08
Commercial Warehouse	Water_Heat	Natural_Gas	Premium	001	005	002	1	4		0.02
Commercial Warehouse	Water_Heat	Electric	Stock	001	005	002	2	1		0.4
Commercial Warehouse	Water_Heat	Electric	Standard	001	005	002	2	2		0.5
Commercial Warehouse	Water_Heat	Electric	High	001	005	002	2	3		0.08
Commercial Warehouse	Water_Heat	Electric	Premium	001	005	002	2	4		0.02
Commercial Warehouse	Engine	Natural_Gas	Stock	001	005	009	1	1		0.65
Commercial Warehouse	Engine	Natural_Gas	Standard	001	005	009	1	2		0.35
Commercial Warehouse	Engine	Electric	Stock	001	005	009	2	1		0.65
Commercial Warehouse	Engine	Electric	Standard	001	005	009	2	2		0.35
Commercial Warehouse	Other	Natural_Gas	Stock	001	005	011	1	1		1
Commercial School	Space_Heat	Natural_Gas	Stock	001	006	001	1	1		0.65
Commercial School	Space_Heat	Natural_Gas	Standard	001	006	001	1	2		0.3
Commercial School	Space_Heat	Natural_Gas	High	001	006	001	1	3		0.04
Commercial School	Space_Heat	Natural_Gas	Premium	001	006	001	1	4		0.01
Commercial School	Space_Heat	Electric	Stock	001	006	001	2	1		1
Commercial School	Water_Heat	Natural_Gas	Stock	001	006	002	1	1		0.4
Commercial School	Water_Heat	Natural_Gas	Standard	001	006	002	1	2		0.5
Commercial School	Water_Heat	Natural_Gas	High	001	006	002	1	3		0.08
Commercial School	Water_Heat	Natural_Gas	Premium	001	006	002	1	4		0.02
Commercial School	Water_Heat	Electric	Stock	001	006	002	2	1		0.4

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	baseAvgEShare
Commercial	School	Water_Heat	Electric	Standard	001	006	002	2	2	0.5
Commercial	School	Water_Heat	Electric	High	001	006	002	2	3	0.08
Commercial	School	Water_Heat	Electric	Premium	001	006	002	2	4	0.02
Commercial	School	Cook_top	Natural_Gas	Stock	001	006	004	1	1	0.65
Commercial	School	Cook_top	Natural_Gas	Standard	001	006	004	1	2	0.35
Commercial	School	Cook_top	Electric	Stock	001	006	004	2	1	0.65
Commercial	School	Cook_top	Electric	Standard	001	006	004	2	2	0.35
Commercial	School	Fryer	Natural_Gas	Stock	001	006	005	1	1	0.65
Commercial	School	Fryer	Natural_Gas	Standard	001	006	005	1	2	0.35
Commercial	School	Fryer	Electric	Stock	001	006	005	2	1	0.65
Commercial	School	Fryer	Electric	Standard	001	006	005	2	2	0.35
Commercial	School	Griddle	Natural_Gas	Stock	001	006	006	1	1	0.65
Commercial	School	Griddle	Natural_Gas	Standard	001	006	006	1	2	0.35
Commercial	School	Griddle	Electric	Stock	001	006	006	2	1	0.65
Commercial	School	Griddle	Electric	Standard	001	006	006	2	2	0.35
Commercial	School	Other_Cooking	Natural_Gas	Stock	001	006	007	1	1	0.65
Commercial	School	Other_Cooking	Natural_Gas	Standard	001	006	007	1	2	0.35
Commercial	School	Other_Cooking	Electric	Stock	001	006	007	2	1	0.65
Commercial	School	Other_Cooking	Electric	Standard	001	006	007	2	2	0.35
Commercial	School	AC_Compressor	Natural_Gas	Stock	001	006	010	1	1	0.65
Commercial	School	AC_Compressor	Natural_Gas	Standard	001	006	010	1	2	0.35
Commercial	School	AC_Compressor	Electric	Stock	001	006	010	2	1	0.65
Commercial	School	AC_Compressor	Electric	Standard	001	006	010	2	2	0.35
Commercial	School	Other	Natural_Gas	Stock	001	006	011	1	1	1
Commercial	College	Space_Heat	Natural_Gas	Stock	001	007	001	1	1	0.65
Commercial	College	Space_Heat	Natural_Gas	Standard	001	007	001	1	2	0.3
Commercial	College	Space_Heat	Natural_Gas	High	001	007	001	1	3	0.04
Commercial	College	Space_Heat	Natural_Gas	Premium	001	007	001	1	4	0.01
Commercial	College	Space_Heat	Electric	Stock	001	007	001	2	1	1
Commercial	College	Water_Heat	Natural_Gas	Stock	001	007	002	1	1	0.4

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	baseAvgEShare
Commercial	College	Water_Heat	Natural_Gas	Standard	001	007	002	1	2	0.5
Commercial	College	Water_Heat	Natural_Gas	High	001	007	002	1	3	0.08
Commercial	College	Water_Heat	Natural_Gas	Premium	001	007	002	1	4	0.02
Commercial	College	Water_Heat	Electric	Stock	001	007	002	2	1	0.4
Commercial	College	Water_Heat	Electric	Standard	001	007	002	2	2	0.5
Commercial	College	Water_Heat	Electric	High	001	007	002	2	3	0.08
Commercial	College	Water_Heat	Electric	Premium	001	007	002	2	4	0.02
Commercial	College	Cook_top	Natural_Gas	Stock	001	007	004	1	1	0.65
Commercial	College	Cook_top	Natural_Gas	Standard	001	007	004	1	2	0.35
Commercial	College	Cook_top	Electric	Stock	001	007	004	2	1	0.65
Commercial	College	Cook_top	Electric	Standard	001	007	004	2	2	0.35
Commercial	College	Fryer	Natural_Gas	Stock	001	007	005	1	1	0.65
Commercial	College	Fryer	Natural_Gas	Standard	001	007	005	1	2	0.35
Commercial	College	Fryer	Electric	Stock	001	007	005	2	1	0.65
Commercial	College	Fryer	Electric	Standard	001	007	005	2	2	0.35
Commercial	College	Griddle	Natural_Gas	Stock	001	007	006	1	1	0.65
Commercial	College	Griddle	Natural_Gas	Standard	001	007	006	1	2	0.35
Commercial	College	Griddle	Electric	Stock	001	007	006	2	1	0.65
Commercial	College	Griddle	Electric	Standard	001	007	006	2	2	0.35
Commercial	College	Other_Cooking	Natural_Gas	Stock	001	007	007	1	1	0.65
Commercial	College	Other_Cooking	Natural_Gas	Standard	001	007	007	1	2	0.35
Commercial	College	Other_Cooking	Electric	Stock	001	007	007	2	1	0.65
Commercial	College	Other_Cooking	Electric	Standard	001	007	007	2	2	0.35
Commercial	College	AC_Compressor	Natural_Gas	Stock	001	007	010	1	1	0.65
Commercial	College	AC_Compressor	Natural_Gas	Standard	001	007	010	1	2	0.35
Commercial	College	AC_Compressor	Electric	Stock	001	007	010	2	1	0.65
Commercial	College	AC_Compressor	Electric	Standard	001	007	010	2	2	0.35
Commercial	College	Other	Natural_Gas	Stock	001	007	011	1	1	1
Commercial	Health	Space_Heat	Natural_Gas	Stock	001	008	001	1	1	0.65
Commercial	Health	Space_Heat	Natural_Gas	Standard	001	008	001	1	2	0.3

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	baseAvgEShare
Commercial	Health	Space_Heat	Natural_Gas	High	001	008	001	1	3	0.04
Commercial	Health	Space_Heat	Natural_Gas	Premium	001	008	001	1	4	0.01
Commercial	Health	Space_Heat	Electric	Stock	001	008	001	2	1	1
Commercial	Health	Water_Heat	Natural_Gas	Stock	001	008	002	1	1	0.4
Commercial	Health	Water_Heat	Natural_Gas	Standard	001	008	002	1	2	0.5
Commercial	Health	Water_Heat	Natural_Gas	High	001	008	002	1	3	0.08
Commercial	Health	Water_Heat	Natural_Gas	Premium	001	008	002	1	4	0.02
Commercial	Health	Water_Heat	Electric	Stock	001	008	002	2	1	0.4
Commercial	Health	Water_Heat	Electric	Standard	001	008	002	2	2	0.5
Commercial	Health	Water_Heat	Electric	High	001	008	002	2	3	0.08
Commercial	Health	Water_Heat	Electric	Premium	001	008	002	2	4	0.02
Commercial	Health	Cook_top	Natural_Gas	Stock	001	008	004	1	1	0.65
Commercial	Health	Cook_top	Natural_Gas	Standard	001	008	004	1	2	0.35
Commercial	Health	Cook_top	Electric	Stock	001	008	004	2	1	0.65
Commercial	Health	Cook_top	Electric	Standard	001	008	004	2	2	0.35
Commercial	Health	Fryer	Natural_Gas	Stock	001	008	005	1	1	0.65
Commercial	Health	Fryer	Natural_Gas	Standard	001	008	005	1	2	0.35
Commercial	Health	Fryer	Electric	Stock	001	008	005	2	1	0.65
Commercial	Health	Fryer	Electric	Standard	001	008	005	2	2	0.35
Commercial	Health	Griddle	Natural_Gas	Stock	001	008	006	1	1	0.65
Commercial	Health	Griddle	Natural_Gas	Standard	001	008	006	1	2	0.35
Commercial	Health	Griddle	Electric	Stock	001	008	006	2	1	0.65
Commercial	Health	Griddle	Electric	Standard	001	008	006	2	2	0.35
Commercial	Health	Other_Cooking	Natural_Gas	Stock	001	008	007	1	1	0.65
Commercial	Health	Other_Cooking	Natural_Gas	Standard	001	008	007	1	2	0.35
Commercial	Health	Other_Cooking	Electric	Stock	001	008	007	2	1	0.65
Commercial	Health	Other_Cooking	Electric	Standard	001	008	007	2	2	0.35
Commercial	Health	Drying	Natural_Gas	Stock	001	008	008	1	1	0.65
Commercial	Health	Drying	Natural_Gas	Standard	001	008	008	1	2	0.35
Commercial	Health	Drying	Electric	Stock	001	008	008	2	1	0.65

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	baseAvgEShare
Commercial	Health	Drying	Electric	Standard	001	008	008	2	2	0.35
Commercial	Health	AC_Compressor	Natural_Gas	Stock	001	008	010	1	1	0.65
Commercial	Health	AC_Compressor	Natural_Gas	Standard	001	008	010	1	2	0.35
Commercial	Health	AC_Compressor	Electric	Stock	001	008	010	2	1	0.65
Commercial	Health	AC_Compressor	Electric	Standard	001	008	010	2	2	0.35
Commercial	Health	Other	Natural_Gas	Stock	001	008	011	1	1	1
Commercial	Lodging	Space_Heat	Natural_Gas	Stock	001	009	001	1	1	0.65
Commercial	Lodging	Space_Heat	Natural_Gas	Standard	001	009	001	1	2	0.3
Commercial	Lodging	Space_Heat	Natural_Gas	High	001	009	001	1	3	0.04
Commercial	Lodging	Space_Heat	Natural_Gas	Premium	001	009	001	1	4	0.01
Commercial	Lodging	Space_Heat	Electric	Stock	001	009	001	2	1	1
Commercial	Lodging	Water_Heat	Natural_Gas	Stock	001	009	002	1	1	0.4
Commercial	Lodging	Water_Heat	Natural_Gas	Standard	001	009	002	1	2	0.5
Commercial	Lodging	Water_Heat	Natural_Gas	High	001	009	002	1	3	0.08
Commercial	Lodging	Water_Heat	Natural_Gas	Premium	001	009	002	1	4	0.02
Commercial	Lodging	Water_Heat	Electric	Stock	001	009	002	2	1	0.4
Commercial	Lodging	Water_Heat	Electric	Standard	001	009	002	2	2	0.5
Commercial	Lodging	Water_Heat	Electric	High	001	009	002	2	3	0.08
Commercial	Lodging	Water_Heat	Electric	Premium	001	009	002	2	4	0.02
Commercial	Lodging	Cook_top	Natural_Gas	Stock	001	009	004	1	1	0.65
Commercial	Lodging	Cook_top	Natural_Gas	Standard	001	009	004	1	2	0.35
Commercial	Lodging	Cook_top	Electric	Stock	001	009	004	2	1	0.65
Commercial	Lodging	Cook_top	Electric	Standard	001	009	004	2	2	0.35
Commercial	Lodging	Fryer	Natural_Gas	Stock	001	009	005	1	1	0.65
Commercial	Lodging	Fryer	Natural_Gas	Standard	001	009	005	1	2	0.35
Commercial	Lodging	Fryer	Electric	Stock	001	009	005	2	1	0.65
Commercial	Lodging	Fryer	Electric	Standard	001	009	005	2	2	0.35
Commercial	Lodging	Griddle	Natural_Gas	Stock	001	009	006	1	1	0.65
Commercial	Lodging	Griddle	Natural_Gas	Standard	001	009	006	1	2	0.35
Commercial	Lodging	Griddle	Electric	Stock	001	009	006	2	1	0.65

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	baseAvgEShare
Commercial Lodging	Griddle	Electric	Standard	001	009	006	2	2	0.35	
Commercial Lodging	Other_Cooking	Natural_Gas	Stock	001	009	007	1	1	0.65	
Commercial Lodging	Other_Cooking	Natural_Gas	Standard	001	009	007	1	2	0.35	
Commercial Lodging	Other_Cooking	Electric	Stock	001	009	007	2	1	0.65	
Commercial Lodging	Other_Cooking	Electric	Standard	001	009	007	2	2	0.35	
Commercial Lodging	Drying	Natural_Gas	Stock	001	009	008	1	1	0.65	
Commercial Lodging	Drying	Natural_Gas	Standard	001	009	008	1	2	0.35	
Commercial Lodging	Drying	Electric	Stock	001	009	008	2	1	0.65	
Commercial Lodging	Drying	Electric	Standard	001	009	008	2	2	0.35	
Commercial Lodging	AC_Compressor	Natural_Gas	Stock	001	009	010	1	1	0.65	
Commercial Lodging	AC_Compressor	Natural_Gas	Standard	001	009	010	1	2	0.35	
Commercial Lodging	AC_Compressor	Electric	Stock	001	009	010	2	1	0.65	
Commercial Lodging	AC_Compressor	Electric	Standard	001	009	010	2	2	0.35	
Commercial Lodging	Other	Natural_Gas	Stock	001	009	011	1	1	1	
Commercial Misc	Space_Heat	Natural_Gas	Stock	001	010	001	1	1	0.65	
Commercial Misc	Space_Heat	Natural_Gas	Standard	001	010	001	1	2	0.3	
Commercial Misc	Space_Heat	Natural_Gas	High	001	010	001	1	3	0.04	
Commercial Misc	Space_Heat	Natural_Gas	Premium	001	010	001	1	4	0.01	
Commercial Misc	Space_Heat	Electric	Stock	001	010	001	2	1	1	
Commercial Misc	Water_Heat	Natural_Gas	Stock	001	010	002	1	1	0.4	
Commercial Misc	Water_Heat	Natural_Gas	Standard	001	010	002	1	2	0.5	
Commercial Misc	Water_Heat	Natural_Gas	High	001	010	002	1	3	0.08	
Commercial Misc	Water_Heat	Natural_Gas	Premium	001	010	002	1	4	0.02	
Commercial Misc	Water_Heat	Electric	Stock	001	010	002	2	1	0.4	
Commercial Misc	Water_Heat	Electric	Standard	001	010	002	2	2	0.5	
Commercial Misc	Water_Heat	Electric	High	001	010	002	2	3	0.08	
Commercial Misc	Water_Heat	Electric	Premium	001	010	002	2	4	0.02	
Commercial Misc	Cook_top	Natural_Gas	Stock	001	010	004	1	1	0.65	
Commercial Misc	Cook_top	Natural_Gas	Standard	001	010	004	1	2	0.35	
Commercial Misc	Cook_top	Electric	Stock	001	010	004	2	1	0.65	

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	baseAvgEShare
Commercial	Misc	Cook_top	Electric	Standard	001	010	004	2	2	0.35
Commercial	Misc	Fryer	Natural_Gas	Stock	001	010	005	1	1	0.65
Commercial	Misc	Fryer	Natural_Gas	Standard	001	010	005	1	2	0.35
Commercial	Misc	Fryer	Electric	Stock	001	010	005	2	1	0.65
Commercial	Misc	Fryer	Electric	Standard	001	010	005	2	2	0.35
Commercial	Misc	Griddle	Natural_Gas	Stock	001	010	006	1	1	0.65
Commercial	Misc	Griddle	Natural_Gas	Standard	001	010	006	1	2	0.35
Commercial	Misc	Griddle	Electric	Stock	001	010	006	2	1	0.65
Commercial	Misc	Griddle	Electric	Standard	001	010	006	2	2	0.35
Commercial	Misc	Other_Cooking	Natural_Gas	Stock	001	010	007	1	1	0.65
Commercial	Misc	Other_Cooking	Natural_Gas	Standard	001	010	007	1	2	0.35
Commercial	Misc	Other_Cooking	Electric	Stock	001	010	007	2	1	0.65
Commercial	Misc	Other_Cooking	Electric	Standard	001	010	007	2	2	0.35
Commercial	Misc	AC_Compressor	Natural_Gas	Stock	001	010	010	1	1	0.65
Commercial	Misc	AC_Compressor	Natural_Gas	Standard	001	010	010	1	2	0.35
Commercial	Misc	AC_Compressor	Electric	Stock	001	010	010	2	1	0.65
Commercial	Misc	AC_Compressor	Electric	Standard	001	010	010	2	2	0.35
Commercial	Misc	Other	Natural_Gas	Stock	001	010	011	1	1	1
Commercial	Government	Space_Heat	Natural_Gas	Stock	001	011	001	1	1	0.65
Commercial	Government	Space_Heat	Natural_Gas	Standard	001	011	001	1	2	0.3
Commercial	Government	Space_Heat	Natural_Gas	High	001	011	001	1	3	0.04
Commercial	Government	Space_Heat	Natural_Gas	Premium	001	011	001	1	4	0.01
Commercial	Government	Space_Heat	Electric	Stock	001	011	001	2	1	1
Commercial	Government	Water_Heat	Natural_Gas	Stock	001	011	002	1	1	0.4
Commercial	Government	Water_Heat	Natural_Gas	Standard	001	011	002	1	2	0.5
Commercial	Government	Water_Heat	Natural_Gas	High	001	011	002	1	3	0.08
Commercial	Government	Water_Heat	Natural_Gas	Premium	001	011	002	1	4	0.02
Commercial	Government	Water_Heat	Electric	Stock	001	011	002	2	1	0.4
Commercial	Government	Water_Heat	Electric	Standard	001	011	002	2	2	0.5
Commercial	Government	Water_Heat	Electric	High	001	011	002	2	3	0.08

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	baseAvgEShare
Commercial Governme	Water_Heat	Electric	Premium	001	011	002	2	4	0.02	
Commercial Governme	Cook_top	Natural_Gas	Stock	001	011	004	1	1	0.65	
Commercial Governme	Cook_top	Natural_Gas	Standard	001	011	004	1	2	0.35	
Commercial Governme	Cook_top	Electric	Stock	001	011	004	2	1	0.65	
Commercial Governme	Cook_top	Electric	Standard	001	011	004	2	2	0.35	
Commercial Governme	Fryer	Natural_Gas	Stock	001	011	005	1	1	0.65	
Commercial Governme	Fryer	Natural_Gas	Standard	001	011	005	1	2	0.35	
Commercial Governme	Fryer	Electric	Stock	001	011	005	2	1	0.65	
Commercial Governme	Fryer	Electric	Standard	001	011	005	2	2	0.35	
Commercial Governme	Griddle	Natural_Gas	Stock	001	011	006	1	1	0.65	
Commercial Governme	Griddle	Natural_Gas	Standard	001	011	006	1	2	0.35	
Commercial Governme	Griddle	Electric	Stock	001	011	006	2	1	0.65	
Commercial Governme	Griddle	Electric	Standard	001	011	006	2	2	0.35	
Commercial Governme	Other_Cooking	Natural_Gas	Stock	001	011	007	1	1	0.65	
Commercial Governme	Other_Cooking	Natural_Gas	Standard	001	011	007	1	2	0.35	
Commercial Governme	Other_Cooking	Electric	Stock	001	011	007	2	1	0.65	
Commercial Governme	Other_Cooking	Electric	Standard	001	011	007	2	2	0.35	
Commercial Governme	AC_Compressor	Natural_Gas	Stock	001	011	010	1	1	0.65	
Commercial Governme	AC_Compressor	Natural_Gas	Standard	001	011	010	1	2	0.35	
Commercial Governme	AC_Compressor	Electric	Stock	001	011	010	2	1	0.65	
Commercial Governme	AC_Compressor	Electric	Standard	001	011	010	2	2	0.35	
Commercial Governme	Other	Natural_Gas	Stock	001	011	011	1	1	1	
Commercial TCU	Space_Heat	Natural_Gas	Stock	001	012	001	1	1	0.65	
Commercial TCU	Space_Heat	Natural_Gas	Standard	001	012	001	1	2	0.3	
Commercial TCU	Space_Heat	Natural_Gas	High	001	012	001	1	3	0.04	
Commercial TCU	Space_Heat	Natural_Gas	Premium	001	012	001	1	4	0.01	
Commercial TCU	Space_Heat	Electric	Stock	001	012	001	2	1	1	
Commercial TCU	Water_Heat	Natural_Gas	Stock	001	012	002	1	1	0.4	
Commercial TCU	Water_Heat	Natural_Gas	Standard	001	012	002	1	2	0.5	
Commercial TCU	Water_Heat	Natural_Gas	High	001	012	002	1	3	0.08	

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	baseAvgEShare
Commercial	TCU	Water_Heat	Natural_Gas	Premium	001	012	002	1	4	0.02
Commercial	TCU	Water_Heat	Electric	Stock	001	012	002	2	1	0.4
Commercial	TCU	Water_Heat	Electric	Standard	001	012	002	2	2	0.5
Commercial	TCU	Water_Heat	Electric	High	001	012	002	2	3	0.08
Commercial	TCU	Water_Heat	Electric	Premium	001	012	002	2	4	0.02
Commercial	TCU	Engine	Natural_Gas	Stock	001	012	009	1	1	0.65
Commercial	TCU	Engine	Natural_Gas	Standard	001	012	009	1	2	0.35
Commercial	TCU	Engine	Electric	Stock	001	012	009	2	1	0.65
Commercial	TCU	Engine	Electric	Standard	001	012	009	2	2	0.35
Commercial	TCU	Other	Natural_Gas	Stock	001	012	011	1	1	1
Commercial	Constructic	Space_Heat	Natural_Gas	Stock	001	013	001	1	1	0.65
Commercial	Constructic	Space_Heat	Natural_Gas	Standard	001	013	001	1	2	0.3
Commercial	Constructic	Space_Heat	Natural_Gas	High	001	013	001	1	3	0.04
Commercial	Constructic	Space_Heat	Natural_Gas	Premium	001	013	001	1	4	0.01
Commercial	Constructic	Space_Heat	Electric	Stock	001	013	001	2	1	1
Commercial	Constructic	Water_Heat	Natural_Gas	Stock	001	013	002	1	1	0.4
Commercial	Constructic	Water_Heat	Natural_Gas	Standard	001	013	002	1	2	0.5
Commercial	Constructic	Water_Heat	Natural_Gas	High	001	013	002	1	3	0.08
Commercial	Constructic	Water_Heat	Natural_Gas	Premium	001	013	002	1	4	0.02
Commercial	Constructic	Water_Heat	Electric	Stock	001	013	002	2	1	0.4
Commercial	Constructic	Water_Heat	Electric	Standard	001	013	002	2	2	0.5
Commercial	Constructic	Water_Heat	Electric	High	001	013	002	2	3	0.08
Commercial	Constructic	Water_Heat	Electric	Premium	001	013	002	2	4	0.02
Commercial	Constructic	Other	Natural_Gas	Stock	001	013	011	1	1	1
Commercial	Agriculture	Space_Heat	Natural_Gas	Stock	001	014	001	1	1	0.65
Commercial	Agriculture	Space_Heat	Natural_Gas	Standard	001	014	001	1	2	0.3
Commercial	Agriculture	Space_Heat	Natural_Gas	High	001	014	001	1	3	0.04
Commercial	Agriculture	Space_Heat	Natural_Gas	Premium	001	014	001	1	4	0.01
Commercial	Agriculture	Space_Heat	Electric	Stock	001	014	001	2	1	1
Commercial	Agriculture	Water_Heat	Natural_Gas	Stock	001	014	002	1	1	0.4

**SAN DIEGO GAS & ELECTRIC
E-SHARES FOR CORE COMMERCIAL SECTOR**

zName	bName	nName	fName	eName	z	b	n	f	e	baseAvgEShare
Commercial Agriculture Water_Heat	Natural_Gas	Standard	001	014	002	1	2			0.5
Commercial Agriculture Water_Heat	Natural_Gas	High	001	014	002	1	3			0.08
Commercial Agriculture Water_Heat	Natural_Gas	Premium	001	014	002	1	4			0.02
Commercial Agriculture Water_Heat	Electric	Stock	001	014	002	2	1			0.4
Commercial Agriculture Water_Heat	Electric	Standard	001	014	002	2	2			0.5
Commercial Agriculture Water_Heat	Electric	High	001	014	002	2	3			0.08
Commercial Agriculture Water_Heat	Electric	Premium	001	014	002	2	4			0.02
Commercial Agriculture Drying	Natural_Gas	Stock	001	014	008	1	1			0.65
Commercial Agriculture Drying	Natural_Gas	Standard	001	014	008	1	2			0.35
Commercial Agriculture Drying	Electric	Stock	001	014	008	2	1			0.65
Commercial Agriculture Drying	Electric	Standard	001	014	008	2	2			0.35
Commercial Agriculture Engine	Natural_Gas	Stock	001	014	009	1	1			0.65
Commercial Agriculture Engine	Natural_Gas	Standard	001	014	009	1	2			0.35
Commercial Agriculture Engine	Electric	Stock	001	014	009	2	1			0.65
Commercial Agriculture Engine	Electric	Standard	001	014	009	2	2			0.35
Commercial Agriculture Other	Natural_Gas	Stock	001	014	011	1	1			1

**SAN DIEGO GAS & ELECTRIC
E-SHARES FOR CORE COMMERCIAL SECTOR**

zName	bName	nName	fName	eName	z	b	n	f	e	baseMargEShareExisting
Commercial Office	Space_Heat	Natural_Gas	Stock	001	001	001	1	1	1	0.65
Commercial Office	Space_Heat	Natural_Gas	Standard	001	001	001	1	2	2	0.3
Commercial Office	Space_Heat	Natural_Gas	High	001	001	001	1	3	3	0.04
Commercial Office	Space_Heat	Natural_Gas	Premium	001	001	001	1	4	4	0.01
Commercial Office	Space_Heat	Electric	Stock	001	001	001	2	1	1	1
Commercial Office	Water_Heat	Natural_Gas	Stock	001	001	002	1	1	1	0.4
Commercial Office	Water_Heat	Natural_Gas	Standard	001	001	002	1	2	2	0.5
Commercial Office	Water_Heat	Natural_Gas	High	001	001	002	1	3	3	0.08
Commercial Office	Water_Heat	Natural_Gas	Premium	001	001	002	1	4	4	0.02
Commercial Office	Water_Heat	Electric	Stock	001	001	002	2	1	1	0.4
Commercial Office	Water_Heat	Electric	Standard	001	001	002	2	2	2	0.5
Commercial Office	Water_Heat	Electric	High	001	001	002	2	3	3	0.08
Commercial Office	Water_Heat	Electric	Premium	001	001	002	2	4	4	0.02
Commercial Office	Cooking	Natural_Gas	Stock	001	001	003	1	1	1	0.65
Commercial Office	Cooking	Natural_Gas	Standard	001	001	003	1	2	2	0.35
Commercial Office	Cooking	Electric	Stock	001	001	003	2	1	1	0.65
Commercial Office	Cooking	Electric	Standard	001	001	003	2	2	2	0.35
Commercial Office	AC_Compressor	Natural_Gas	Stock	001	001	010	1	1	1	0.65
Commercial Office	AC_Compressor	Natural_Gas	Standard	001	001	010	1	2	2	0.35
Commercial Office	AC_Compressor	Electric	Stock	001	001	010	2	1	1	0.65
Commercial Office	AC_Compressor	Electric	Standard	001	001	010	2	2	2	0.35
Commercial Office	Other	Natural_Gas	Stock	001	001	011	1	1	1	1
Commercial Restaurant	Space_Heat	Natural_Gas	Stock	001	002	001	1	1	1	0.65
Commercial Restaurant	Space_Heat	Natural_Gas	Standard	001	002	001	1	2	2	0.3
Commercial Restaurant	Space_Heat	Natural_Gas	High	001	002	001	1	3	3	0.04
Commercial Restaurant	Space_Heat	Natural_Gas	Premium	001	002	001	1	4	4	0.01
Commercial Restaurant	Space_Heat	Electric	Stock	001	002	001	2	1	1	1
Commercial Restaurant	Water_Heat	Natural_Gas	Stock	001	002	002	1	1	1	0.4
Commercial Restaurant	Water_Heat	Natural_Gas	Standard	001	002	002	1	2	2	0.5
Commercial Restaurant	Water_Heat	Natural_Gas	High	001	002	002	1	3	3	0.08

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	baseMargEShareExisting
Commercial	Restaurant	Water_Heat	Natural_Gas	Premium	001	002	002	1	4	0.02
Commercial	Restaurant	Water_Heat	Electric	Stock	001	002	002	2	1	0.4
Commercial	Restaurant	Water_Heat	Electric	Standard	001	002	002	2	2	0.5
Commercial	Restaurant	Water_Heat	Electric	High	001	002	002	2	3	0.08
Commercial	Restaurant	Water_Heat	Electric	Premium	001	002	002	2	4	0.02
Commercial	Restaurant	Cook_top	Natural_Gas	Stock	001	002	004	1	1	0.65
Commercial	Restaurant	Cook_top	Natural_Gas	Standard	001	002	004	1	2	0.35
Commercial	Restaurant	Cook_top	Electric	Stock	001	002	004	2	1	0.65
Commercial	Restaurant	Cook_top	Electric	Standard	001	002	004	2	2	0.35
Commercial	Restaurant	Fryer	Natural_Gas	Stock	001	002	005	1	1	0.65
Commercial	Restaurant	Fryer	Natural_Gas	Standard	001	002	005	1	2	0.35
Commercial	Restaurant	Fryer	Electric	Stock	001	002	005	2	1	0.65
Commercial	Restaurant	Fryer	Electric	Standard	001	002	005	2	2	0.35
Commercial	Restaurant	Griddle	Natural_Gas	Stock	001	002	006	1	1	0.65
Commercial	Restaurant	Griddle	Natural_Gas	Standard	001	002	006	1	2	0.35
Commercial	Restaurant	Griddle	Electric	Stock	001	002	006	2	1	0.65
Commercial	Restaurant	Griddle	Electric	Standard	001	002	006	2	2	0.35
Commercial	Restaurant	Other_Cooking	Natural_Gas	Stock	001	002	007	1	1	0.65
Commercial	Restaurant	Other_Cooking	Natural_Gas	Standard	001	002	007	1	2	0.35
Commercial	Restaurant	Other_Cooking	Electric	Stock	001	002	007	2	1	0.65
Commercial	Restaurant	Other_Cooking	Electric	Standard	001	002	007	2	2	0.35
Commercial	Restaurant	AC_Compressor	Natural_Gas	Stock	001	002	010	1	1	0.65
Commercial	Restaurant	AC_Compressor	Natural_Gas	Standard	001	002	010	1	2	0.35
Commercial	Restaurant	AC_Compressor	Electric	Stock	001	002	010	2	1	0.65
Commercial	Restaurant	AC_Compressor	Electric	Standard	001	002	010	2	2	0.35
Commercial	Restaurant	Other	Natural_Gas	Stock	001	002	011	1	1	1
Commercial	Retail	Space_Heat	Natural_Gas	Stock	001	003	001	1	1	0.65
Commercial	Retail	Space_Heat	Natural_Gas	Standard	001	003	001	1	2	0.3
Commercial	Retail	Space_Heat	Natural_Gas	High	001	003	001	1	3	0.04
Commercial	Retail	Space_Heat	Natural_Gas	Premium	001	003	001	1	4	0.01

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	baseMargEShareExisting
Commercial Retail	Space_Heat	Electric	Stock	001	003	001	2	1	1	1
Commercial Retail	Water_Heat	Natural_Gas	Stock	001	003	002	1	1	1	0.4
Commercial Retail	Water_Heat	Natural_Gas	Standard	001	003	002	1	2	2	0.5
Commercial Retail	Water_Heat	Natural_Gas	High	001	003	002	1	3	3	0.08
Commercial Retail	Water_Heat	Natural_Gas	Premium	001	003	002	1	4	4	0.02
Commercial Retail	Water_Heat	Electric	Stock	001	003	002	2	1	1	0.4
Commercial Retail	Water_Heat	Electric	Standard	001	003	002	2	2	2	0.5
Commercial Retail	Water_Heat	Electric	High	001	003	002	2	3	3	0.08
Commercial Retail	Water_Heat	Electric	Premium	001	003	002	2	4	4	0.02
Commercial Retail	Cooking	Natural_Gas	Stock	001	003	003	1	1	1	0.65
Commercial Retail	Cooking	Natural_Gas	Standard	001	003	003	1	2	2	0.35
Commercial Retail	Cooking	Electric	Stock	001	003	003	2	1	1	0.65
Commercial Retail	Cooking	Electric	Standard	001	003	003	2	2	2	0.35
Commercial Retail	Other	Natural_Gas	Stock	001	003	011	1	1	1	1
Commercial Laundry	Space_Heat	Natural_Gas	Stock	001	004	001	1	1	1	0.65
Commercial Laundry	Space_Heat	Natural_Gas	Standard	001	004	001	1	2	2	0.3
Commercial Laundry	Space_Heat	Natural_Gas	High	001	004	001	1	3	3	0.04
Commercial Laundry	Space_Heat	Natural_Gas	Premium	001	004	001	1	4	4	0.01
Commercial Laundry	Space_Heat	Electric	Stock	001	004	001	2	1	1	1
Commercial Laundry	Water_Heat	Natural_Gas	Stock	001	004	002	1	1	1	0.4
Commercial Laundry	Water_Heat	Natural_Gas	Standard	001	004	002	1	2	2	0.5
Commercial Laundry	Water_Heat	Natural_Gas	High	001	004	002	1	3	3	0.08
Commercial Laundry	Water_Heat	Natural_Gas	Premium	001	004	002	1	4	4	0.02
Commercial Laundry	Water_Heat	Electric	Stock	001	004	002	2	1	1	0.4
Commercial Laundry	Water_Heat	Electric	Standard	001	004	002	2	2	2	0.5
Commercial Laundry	Water_Heat	Electric	High	001	004	002	2	3	3	0.08
Commercial Laundry	Water_Heat	Electric	Premium	001	004	002	2	4	4	0.02
Commercial Laundry	Drying	Natural_Gas	Stock	001	004	008	1	1	1	0.65
Commercial Laundry	Drying	Natural_Gas	Standard	001	004	008	1	2	2	0.35
Commercial Laundry	Drying	Electric	Stock	001	004	008	2	1	1	0.65

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	baseMargEShareExisting
Commercial Laundry	Drying	Electric	Standard	001	004	008	2	2		0.35
Commercial Laundry	Other	Natural_Gas	Stock	001	004	011	1	1		1
Commercial Warehouse	Space_Heat	Natural_Gas	Stock	001	005	001	1	1		0.65
Commercial Warehouse	Space_Heat	Natural_Gas	Standard	001	005	001	1	2		0.3
Commercial Warehouse	Space_Heat	Natural_Gas	High	001	005	001	1	3		0.04
Commercial Warehouse	Space_Heat	Natural_Gas	Premium	001	005	001	1	4		0.01
Commercial Warehouse	Space_Heat	Electric	Stock	001	005	001	2	1		1
Commercial Warehouse	Water_Heat	Natural_Gas	Stock	001	005	002	1	1		0.4
Commercial Warehouse	Water_Heat	Natural_Gas	Standard	001	005	002	1	2		0.5
Commercial Warehouse	Water_Heat	Natural_Gas	High	001	005	002	1	3		0.08
Commercial Warehouse	Water_Heat	Natural_Gas	Premium	001	005	002	1	4		0.02
Commercial Warehouse	Water_Heat	Electric	Stock	001	005	002	2	1		0.4
Commercial Warehouse	Water_Heat	Electric	Standard	001	005	002	2	2		0.5
Commercial Warehouse	Water_Heat	Electric	High	001	005	002	2	3		0.08
Commercial Warehouse	Water_Heat	Electric	Premium	001	005	002	2	4		0.02
Commercial Warehouse	Engine	Natural_Gas	Stock	001	005	009	1	1		0.65
Commercial Warehouse	Engine	Natural_Gas	Standard	001	005	009	1	2		0.35
Commercial Warehouse	Engine	Electric	Stock	001	005	009	2	1		0.65
Commercial Warehouse	Engine	Electric	Standard	001	005	009	2	2		0.35
Commercial Warehouse	Other	Natural_Gas	Stock	001	005	011	1	1		1
Commercial School	Space_Heat	Natural_Gas	Stock	001	006	001	1	1		0.65
Commercial School	Space_Heat	Natural_Gas	Standard	001	006	001	1	2		0.3
Commercial School	Space_Heat	Natural_Gas	High	001	006	001	1	3		0.04
Commercial School	Space_Heat	Natural_Gas	Premium	001	006	001	1	4		0.01
Commercial School	Space_Heat	Electric	Stock	001	006	001	2	1		1
Commercial School	Water_Heat	Natural_Gas	Stock	001	006	002	1	1		0.4
Commercial School	Water_Heat	Natural_Gas	Standard	001	006	002	1	2		0.5
Commercial School	Water_Heat	Natural_Gas	High	001	006	002	1	3		0.08
Commercial School	Water_Heat	Natural_Gas	Premium	001	006	002	1	4		0.02
Commercial School	Water_Heat	Electric	Stock	001	006	002	2	1		0.4

**SAN DIEGO GAS & ELECTRIC
E-SHARES FOR CORE COMMERCIAL SECTOR**

zName	bName	nName	fName	eName	z	b	n	f	e	baseMargEShareExisting
Commercial	School	Water_Heat	Electric	Standard	001	006	002	2	2	0.5
Commercial	School	Water_Heat	Electric	High	001	006	002	2	3	0.08
Commercial	School	Water_Heat	Electric	Premium	001	006	002	2	4	0.02
Commercial	School	Cook_top	Natural_Gas	Stock	001	006	004	1	1	0.65
Commercial	School	Cook_top	Natural_Gas	Standard	001	006	004	1	2	0.35
Commercial	School	Cook_top	Electric	Stock	001	006	004	2	1	0.65
Commercial	School	Cook_top	Electric	Standard	001	006	004	2	2	0.35
Commercial	School	Fryer	Natural_Gas	Stock	001	006	005	1	1	0.65
Commercial	School	Fryer	Natural_Gas	Standard	001	006	005	1	2	0.35
Commercial	School	Fryer	Electric	Stock	001	006	005	2	1	0.65
Commercial	School	Fryer	Electric	Standard	001	006	005	2	2	0.35
Commercial	School	Griddle	Natural_Gas	Stock	001	006	006	1	1	0.65
Commercial	School	Griddle	Natural_Gas	Standard	001	006	006	1	2	0.35
Commercial	School	Griddle	Electric	Stock	001	006	006	2	1	0.65
Commercial	School	Griddle	Electric	Standard	001	006	006	2	2	0.35
Commercial	School	Other_Cooking	Natural_Gas	Stock	001	006	007	1	1	0.65
Commercial	School	Other_Cooking	Natural_Gas	Standard	001	006	007	1	2	0.35
Commercial	School	Other_Cooking	Electric	Stock	001	006	007	2	1	0.65
Commercial	School	Other_Cooking	Electric	Standard	001	006	007	2	2	0.35
Commercial	School	AC_Compressor	Natural_Gas	Stock	001	006	010	1	1	0.65
Commercial	School	AC_Compressor	Natural_Gas	Standard	001	006	010	1	2	0.35
Commercial	School	AC_Compressor	Electric	Stock	001	006	010	2	1	0.65
Commercial	School	AC_Compressor	Electric	Standard	001	006	010	2	2	0.35
Commercial	School	Other	Natural_Gas	Stock	001	006	011	1	1	1
Commercial	College	Space_Heat	Natural_Gas	Stock	001	007	001	1	1	0.65
Commercial	College	Space_Heat	Natural_Gas	Standard	001	007	001	1	2	0.3
Commercial	College	Space_Heat	Natural_Gas	High	001	007	001	1	3	0.04
Commercial	College	Space_Heat	Natural_Gas	Premium	001	007	001	1	4	0.01
Commercial	College	Space_Heat	Electric	Stock	001	007	001	2	1	1
Commercial	College	Water_Heat	Natural_Gas	Stock	001	007	002	1	1	0.4

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	baseMargEShareExisting
Commercial	College	Water_Heat	Natural_Gas	Standard	001	007	002	1	2	0.5
Commercial	College	Water_Heat	Natural_Gas	High	001	007	002	1	3	0.08
Commercial	College	Water_Heat	Natural_Gas	Premium	001	007	002	1	4	0.02
Commercial	College	Water_Heat	Electric	Stock	001	007	002	2	1	0.4
Commercial	College	Water_Heat	Electric	Standard	001	007	002	2	2	0.5
Commercial	College	Water_Heat	Electric	High	001	007	002	2	3	0.08
Commercial	College	Water_Heat	Electric	Premium	001	007	002	2	4	0.02
Commercial	College	Cook_top	Natural_Gas	Stock	001	007	004	1	1	0.65
Commercial	College	Cook_top	Natural_Gas	Standard	001	007	004	1	2	0.35
Commercial	College	Cook_top	Electric	Stock	001	007	004	2	1	0.65
Commercial	College	Cook_top	Electric	Standard	001	007	004	2	2	0.35
Commercial	College	Fryer	Natural_Gas	Stock	001	007	005	1	1	0.65
Commercial	College	Fryer	Natural_Gas	Standard	001	007	005	1	2	0.35
Commercial	College	Fryer	Electric	Stock	001	007	005	2	1	0.65
Commercial	College	Fryer	Electric	Standard	001	007	005	2	2	0.35
Commercial	College	Griddle	Natural_Gas	Stock	001	007	006	1	1	0.65
Commercial	College	Griddle	Natural_Gas	Standard	001	007	006	1	2	0.35
Commercial	College	Griddle	Electric	Stock	001	007	006	2	1	0.65
Commercial	College	Griddle	Electric	Standard	001	007	006	2	2	0.35
Commercial	College	Other_Cooking	Natural_Gas	Stock	001	007	007	1	1	0.65
Commercial	College	Other_Cooking	Natural_Gas	Standard	001	007	007	1	2	0.35
Commercial	College	Other_Cooking	Electric	Stock	001	007	007	2	1	0.65
Commercial	College	Other_Cooking	Electric	Standard	001	007	007	2	2	0.35
Commercial	College	AC_Compressor	Natural_Gas	Stock	001	007	010	1	1	0.65
Commercial	College	AC_Compressor	Natural_Gas	Standard	001	007	010	1	2	0.35
Commercial	College	AC_Compressor	Electric	Stock	001	007	010	2	1	0.65
Commercial	College	AC_Compressor	Electric	Standard	001	007	010	2	2	0.35
Commercial	College	Other	Natural_Gas	Stock	001	007	011	1	1	1
Commercial	Health	Space_Heat	Natural_Gas	Stock	001	008	001	1	1	0.65
Commercial	Health	Space_Heat	Natural_Gas	Standard	001	008	001	1	2	0.3

**SAN DIEGO GAS & ELECTRIC
E-SHARES FOR CORE COMMERCIAL SECTOR**

zName	bName	nName	fName	eName	z	b	n	f	e	baseMargEShareExisting
Commercial	Health	Space_Heat	Natural_Gas	High	001	008	001	1	3	0.04
Commercial	Health	Space_Heat	Natural_Gas	Premium	001	008	001	1	4	0.01
Commercial	Health	Space_Heat	Electric	Stock	001	008	001	2	1	1
Commercial	Health	Water_Heat	Natural_Gas	Stock	001	008	002	1	1	0.4
Commercial	Health	Water_Heat	Natural_Gas	Standard	001	008	002	1	2	0.5
Commercial	Health	Water_Heat	Natural_Gas	High	001	008	002	1	3	0.08
Commercial	Health	Water_Heat	Natural_Gas	Premium	001	008	002	1	4	0.02
Commercial	Health	Water_Heat	Electric	Stock	001	008	002	2	1	0.4
Commercial	Health	Water_Heat	Electric	Standard	001	008	002	2	2	0.5
Commercial	Health	Water_Heat	Electric	High	001	008	002	2	3	0.08
Commercial	Health	Water_Heat	Electric	Premium	001	008	002	2	4	0.02
Commercial	Health	Cook_top	Natural_Gas	Stock	001	008	004	1	1	0.65
Commercial	Health	Cook_top	Natural_Gas	Standard	001	008	004	1	2	0.35
Commercial	Health	Cook_top	Electric	Stock	001	008	004	2	1	0.65
Commercial	Health	Cook_top	Electric	Standard	001	008	004	2	2	0.35
Commercial	Health	Fryer	Natural_Gas	Stock	001	008	005	1	1	0.65
Commercial	Health	Fryer	Natural_Gas	Standard	001	008	005	1	2	0.35
Commercial	Health	Fryer	Electric	Stock	001	008	005	2	1	0.65
Commercial	Health	Fryer	Electric	Standard	001	008	005	2	2	0.35
Commercial	Health	Griddle	Natural_Gas	Stock	001	008	006	1	1	0.65
Commercial	Health	Griddle	Natural_Gas	Standard	001	008	006	1	2	0.35
Commercial	Health	Griddle	Electric	Stock	001	008	006	2	1	0.65
Commercial	Health	Griddle	Electric	Standard	001	008	006	2	2	0.35
Commercial	Health	Other_Cooking	Natural_Gas	Stock	001	008	007	1	1	0.65
Commercial	Health	Other_Cooking	Natural_Gas	Standard	001	008	007	1	2	0.35
Commercial	Health	Other_Cooking	Electric	Stock	001	008	007	2	1	0.65
Commercial	Health	Other_Cooking	Electric	Standard	001	008	007	2	2	0.35
Commercial	Health	Drying	Natural_Gas	Stock	001	008	008	1	1	0.65
Commercial	Health	Drying	Natural_Gas	Standard	001	008	008	1	2	0.35
Commercial	Health	Drying	Electric	Stock	001	008	008	2	1	0.65

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	baseMargEShareExisting
Commercial	Health	Drying	Electric	Standard	001	008	008	2	2	0.35
Commercial	Health	AC_Compressor	Natural_Gas	Stock	001	008	010	1	1	0.65
Commercial	Health	AC_Compressor	Natural_Gas	Standard	001	008	010	1	2	0.35
Commercial	Health	AC_Compressor	Electric	Stock	001	008	010	2	1	0.65
Commercial	Health	AC_Compressor	Electric	Standard	001	008	010	2	2	0.35
Commercial	Health	Other	Natural_Gas	Stock	001	008	011	1	1	1
Commercial	Lodging	Space_Heat	Natural_Gas	Stock	001	009	001	1	1	0.65
Commercial	Lodging	Space_Heat	Natural_Gas	Standard	001	009	001	1	2	0.3
Commercial	Lodging	Space_Heat	Natural_Gas	High	001	009	001	1	3	0.04
Commercial	Lodging	Space_Heat	Natural_Gas	Premium	001	009	001	1	4	0.01
Commercial	Lodging	Space_Heat	Electric	Stock	001	009	001	2	1	1
Commercial	Lodging	Water_Heat	Natural_Gas	Stock	001	009	002	1	1	0.4
Commercial	Lodging	Water_Heat	Natural_Gas	Standard	001	009	002	1	2	0.5
Commercial	Lodging	Water_Heat	Natural_Gas	High	001	009	002	1	3	0.08
Commercial	Lodging	Water_Heat	Natural_Gas	Premium	001	009	002	1	4	0.02
Commercial	Lodging	Water_Heat	Electric	Stock	001	009	002	2	1	0.4
Commercial	Lodging	Water_Heat	Electric	Standard	001	009	002	2	2	0.5
Commercial	Lodging	Water_Heat	Electric	High	001	009	002	2	3	0.08
Commercial	Lodging	Water_Heat	Electric	Premium	001	009	002	2	4	0.02
Commercial	Lodging	Cook_top	Natural_Gas	Stock	001	009	004	1	1	0.65
Commercial	Lodging	Cook_top	Natural_Gas	Standard	001	009	004	1	2	0.35
Commercial	Lodging	Cook_top	Electric	Stock	001	009	004	2	1	0.65
Commercial	Lodging	Cook_top	Electric	Standard	001	009	004	2	2	0.35
Commercial	Lodging	Fryer	Natural_Gas	Stock	001	009	005	1	1	0.65
Commercial	Lodging	Fryer	Natural_Gas	Standard	001	009	005	1	2	0.35
Commercial	Lodging	Fryer	Electric	Stock	001	009	005	2	1	0.65
Commercial	Lodging	Fryer	Electric	Standard	001	009	005	2	2	0.35
Commercial	Lodging	Griddle	Natural_Gas	Stock	001	009	006	1	1	0.65
Commercial	Lodging	Griddle	Natural_Gas	Standard	001	009	006	1	2	0.35
Commercial	Lodging	Griddle	Electric	Stock	001	009	006	2	1	0.65

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	baseMargEShareExisting
Commercial Lodging	Griddle	Electric	Standard	001	009	006	2	2	0.35	
Commercial Lodging	Other_Cooking	Natural_Gas	Stock	001	009	007	1	1	0.65	
Commercial Lodging	Other_Cooking	Natural_Gas	Standard	001	009	007	1	2	0.35	
Commercial Lodging	Other_Cooking	Electric	Stock	001	009	007	2	1	0.65	
Commercial Lodging	Other_Cooking	Electric	Standard	001	009	007	2	2	0.35	
Commercial Lodging	Drying	Natural_Gas	Stock	001	009	008	1	1	0.65	
Commercial Lodging	Drying	Natural_Gas	Standard	001	009	008	1	2	0.35	
Commercial Lodging	Drying	Electric	Stock	001	009	008	2	1	0.65	
Commercial Lodging	Drying	Electric	Standard	001	009	008	2	2	0.35	
Commercial Lodging	AC_Compressor	Natural_Gas	Stock	001	009	010	1	1	0.65	
Commercial Lodging	AC_Compressor	Natural_Gas	Standard	001	009	010	1	2	0.35	
Commercial Lodging	AC_Compressor	Electric	Stock	001	009	010	2	1	0.65	
Commercial Lodging	AC_Compressor	Electric	Standard	001	009	010	2	2	0.35	
Commercial Lodging	Other	Natural_Gas	Stock	001	009	011	1	1	1	
Commercial Misc	Space_Heat	Natural_Gas	Stock	001	010	001	1	1	0.65	
Commercial Misc	Space_Heat	Natural_Gas	Standard	001	010	001	1	2	0.3	
Commercial Misc	Space_Heat	Natural_Gas	High	001	010	001	1	3	0.04	
Commercial Misc	Space_Heat	Natural_Gas	Premium	001	010	001	1	4	0.01	
Commercial Misc	Space_Heat	Electric	Stock	001	010	001	2	1	1	
Commercial Misc	Water_Heat	Natural_Gas	Stock	001	010	002	1	1	0.4	
Commercial Misc	Water_Heat	Natural_Gas	Standard	001	010	002	1	2	0.5	
Commercial Misc	Water_Heat	Natural_Gas	High	001	010	002	1	3	0.08	
Commercial Misc	Water_Heat	Natural_Gas	Premium	001	010	002	1	4	0.02	
Commercial Misc	Water_Heat	Electric	Stock	001	010	002	2	1	0.4	
Commercial Misc	Water_Heat	Electric	Standard	001	010	002	2	2	0.5	
Commercial Misc	Water_Heat	Electric	High	001	010	002	2	3	0.08	
Commercial Misc	Water_Heat	Electric	Premium	001	010	002	2	4	0.02	
Commercial Misc	Cook_top	Natural_Gas	Stock	001	010	004	1	1	0.65	
Commercial Misc	Cook_top	Natural_Gas	Standard	001	010	004	1	2	0.35	
Commercial Misc	Cook_top	Electric	Stock	001	010	004	2	1	0.65	

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	baseMargEShareExisting
Commercial	Misc	Cook_top	Electric	Standard	001	010	004	2	2	0.35
Commercial	Misc	Fryer	Natural_Gas	Stock	001	010	005	1	1	0.65
Commercial	Misc	Fryer	Natural_Gas	Standard	001	010	005	1	2	0.35
Commercial	Misc	Fryer	Electric	Stock	001	010	005	2	1	0.65
Commercial	Misc	Fryer	Electric	Standard	001	010	005	2	2	0.35
Commercial	Misc	Griddle	Natural_Gas	Stock	001	010	006	1	1	0.65
Commercial	Misc	Griddle	Natural_Gas	Standard	001	010	006	1	2	0.35
Commercial	Misc	Griddle	Electric	Stock	001	010	006	2	1	0.65
Commercial	Misc	Griddle	Electric	Standard	001	010	006	2	2	0.35
Commercial	Misc	Other_Cooking	Natural_Gas	Stock	001	010	007	1	1	0.65
Commercial	Misc	Other_Cooking	Natural_Gas	Standard	001	010	007	1	2	0.35
Commercial	Misc	Other_Cooking	Electric	Stock	001	010	007	2	1	0.65
Commercial	Misc	Other_Cooking	Electric	Standard	001	010	007	2	2	0.35
Commercial	Misc	AC_Compressor	Natural_Gas	Stock	001	010	010	1	1	0.65
Commercial	Misc	AC_Compressor	Natural_Gas	Standard	001	010	010	1	2	0.35
Commercial	Misc	AC_Compressor	Electric	Stock	001	010	010	2	1	0.65
Commercial	Misc	AC_Compressor	Electric	Standard	001	010	010	2	2	0.35
Commercial	Misc	Other	Natural_Gas	Stock	001	010	011	1	1	1
Commercial	Government	Space_Heat	Natural_Gas	Stock	001	011	001	1	1	0.65
Commercial	Government	Space_Heat	Natural_Gas	Standard	001	011	001	1	2	0.3
Commercial	Government	Space_Heat	Natural_Gas	High	001	011	001	1	3	0.04
Commercial	Government	Space_Heat	Natural_Gas	Premium	001	011	001	1	4	0.01
Commercial	Government	Space_Heat	Electric	Stock	001	011	001	2	1	1
Commercial	Government	Water_Heat	Natural_Gas	Stock	001	011	002	1	1	0.4
Commercial	Government	Water_Heat	Natural_Gas	Standard	001	011	002	1	2	0.5
Commercial	Government	Water_Heat	Natural_Gas	High	001	011	002	1	3	0.08
Commercial	Government	Water_Heat	Natural_Gas	Premium	001	011	002	1	4	0.02
Commercial	Government	Water_Heat	Electric	Stock	001	011	002	2	1	0.4
Commercial	Government	Water_Heat	Electric	Standard	001	011	002	2	2	0.5
Commercial	Government	Water_Heat	Electric	High	001	011	002	2	3	0.08

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	baseMargEShareExisting
Commercial	Government	Water_Heat	Electric	Premium	001	011	002	2	4	0.02
Commercial	Government	Cook_top	Natural_Gas	Stock	001	011	004	1	1	0.65
Commercial	Government	Cook_top	Natural_Gas	Standard	001	011	004	1	2	0.35
Commercial	Government	Cook_top	Electric	Stock	001	011	004	2	1	0.65
Commercial	Government	Cook_top	Electric	Standard	001	011	004	2	2	0.35
Commercial	Government	Fryer	Natural_Gas	Stock	001	011	005	1	1	0.65
Commercial	Government	Fryer	Natural_Gas	Standard	001	011	005	1	2	0.35
Commercial	Government	Fryer	Electric	Stock	001	011	005	2	1	0.65
Commercial	Government	Fryer	Electric	Standard	001	011	005	2	2	0.35
Commercial	Government	Griddle	Natural_Gas	Stock	001	011	006	1	1	0.65
Commercial	Government	Griddle	Natural_Gas	Standard	001	011	006	1	2	0.35
Commercial	Government	Griddle	Electric	Stock	001	011	006	2	1	0.65
Commercial	Government	Griddle	Electric	Standard	001	011	006	2	2	0.35
Commercial	Government	Other_Cooking	Natural_Gas	Stock	001	011	007	1	1	0.65
Commercial	Government	Other_Cooking	Natural_Gas	Standard	001	011	007	1	2	0.35
Commercial	Government	Other_Cooking	Electric	Stock	001	011	007	2	1	0.65
Commercial	Government	Other_Cooking	Electric	Standard	001	011	007	2	2	0.35
Commercial	Government	AC_Compressor	Natural_Gas	Stock	001	011	010	1	1	0.65
Commercial	Government	AC_Compressor	Natural_Gas	Standard	001	011	010	1	2	0.35
Commercial	Government	AC_Compressor	Electric	Stock	001	011	010	2	1	0.65
Commercial	Government	AC_Compressor	Electric	Standard	001	011	010	2	2	0.35
Commercial	Government	Other	Natural_Gas	Stock	001	011	011	1	1	1
Commercial	TCU	Space_Heat	Natural_Gas	Stock	001	012	001	1	1	0.65
Commercial	TCU	Space_Heat	Natural_Gas	Standard	001	012	001	1	2	0.3
Commercial	TCU	Space_Heat	Natural_Gas	High	001	012	001	1	3	0.04
Commercial	TCU	Space_Heat	Natural_Gas	Premium	001	012	001	1	4	0.01
Commercial	TCU	Space_Heat	Electric	Stock	001	012	001	2	1	1
Commercial	TCU	Water_Heat	Natural_Gas	Stock	001	012	002	1	1	0.4
Commercial	TCU	Water_Heat	Natural_Gas	Standard	001	012	002	1	2	0.5
Commercial	TCU	Water_Heat	Natural_Gas	High	001	012	002	1	3	0.08

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	baseMargEShareExisting
Commercial	TCU	Water_Heat	Natural_Gas	Premium	001	012	002	1	4	0.02
Commercial	TCU	Water_Heat	Electric	Stock	001	012	002	2	1	0.4
Commercial	TCU	Water_Heat	Electric	Standard	001	012	002	2	2	0.5
Commercial	TCU	Water_Heat	Electric	High	001	012	002	2	3	0.08
Commercial	TCU	Water_Heat	Electric	Premium	001	012	002	2	4	0.02
Commercial	TCU	Engine	Natural_Gas	Stock	001	012	009	1	1	0.65
Commercial	TCU	Engine	Natural_Gas	Standard	001	012	009	1	2	0.35
Commercial	TCU	Engine	Electric	Stock	001	012	009	2	1	0.65
Commercial	TCU	Engine	Electric	Standard	001	012	009	2	2	0.35
Commercial	TCU	Other	Natural_Gas	Stock	001	012	011	1	1	1
Commercial	Constructic	Space_Heat	Natural_Gas	Stock	001	013	001	1	1	0.65
Commercial	Constructic	Space_Heat	Natural_Gas	Standard	001	013	001	1	2	0.3
Commercial	Constructic	Space_Heat	Natural_Gas	High	001	013	001	1	3	0.04
Commercial	Constructic	Space_Heat	Natural_Gas	Premium	001	013	001	1	4	0.01
Commercial	Constructic	Space_Heat	Electric	Stock	001	013	001	2	1	1
Commercial	Constructic	Water_Heat	Natural_Gas	Stock	001	013	002	1	1	0.4
Commercial	Constructic	Water_Heat	Natural_Gas	Standard	001	013	002	1	2	0.5
Commercial	Constructic	Water_Heat	Natural_Gas	High	001	013	002	1	3	0.08
Commercial	Constructic	Water_Heat	Natural_Gas	Premium	001	013	002	1	4	0.02
Commercial	Constructic	Water_Heat	Electric	Stock	001	013	002	2	1	0.4
Commercial	Constructic	Water_Heat	Electric	Standard	001	013	002	2	2	0.5
Commercial	Constructic	Water_Heat	Electric	High	001	013	002	2	3	0.08
Commercial	Constructic	Water_Heat	Electric	Premium	001	013	002	2	4	0.02
Commercial	Constructic	Other	Natural_Gas	Stock	001	013	011	1	1	1
Commercial	Agriculture	Space_Heat	Natural_Gas	Stock	001	014	001	1	1	0.65
Commercial	Agriculture	Space_Heat	Natural_Gas	Standard	001	014	001	1	2	0.3
Commercial	Agriculture	Space_Heat	Natural_Gas	High	001	014	001	1	3	0.04
Commercial	Agriculture	Space_Heat	Natural_Gas	Premium	001	014	001	1	4	0.01
Commercial	Agriculture	Space_Heat	Electric	Stock	001	014	001	2	1	1
Commercial	Agriculture	Water_Heat	Natural_Gas	Stock	001	014	002	1	1	0.4

**SAN DIEGO GAS & ELECTRIC
E-SHARES FOR CORE COMMERCIAL SECTOR**

zName	bName	nName	fName	eName	z	b	n	f	e	baseMargEShareExisting
Commercial	Agriculture	Water_Heat	Natural_Gas	Standard	001	014	002	1	2	0.5
Commercial	Agriculture	Water_Heat	Natural_Gas	High	001	014	002	1	3	0.08
Commercial	Agriculture	Water_Heat	Natural_Gas	Premium	001	014	002	1	4	0.02
Commercial	Agriculture	Water_Heat	Electric	Stock	001	014	002	2	1	0.4
Commercial	Agriculture	Water_Heat	Electric	Standard	001	014	002	2	2	0.5
Commercial	Agriculture	Water_Heat	Electric	High	001	014	002	2	3	0.08
Commercial	Agriculture	Water_Heat	Electric	Premium	001	014	002	2	4	0.02
Commercial	Agriculture	Drying	Natural_Gas	Stock	001	014	008	1	1	0.65
Commercial	Agriculture	Drying	Natural_Gas	Standard	001	014	008	1	2	0.35
Commercial	Agriculture	Drying	Electric	Stock	001	014	008	2	1	0.65
Commercial	Agriculture	Drying	Electric	Standard	001	014	008	2	2	0.35
Commercial	Agriculture	Engine	Natural_Gas	Stock	001	014	009	1	1	0.65
Commercial	Agriculture	Engine	Natural_Gas	Standard	001	014	009	1	2	0.35
Commercial	Agriculture	Engine	Electric	Stock	001	014	009	2	1	0.65
Commercial	Agriculture	Engine	Electric	Standard	001	014	009	2	2	0.35
Commercial	Agriculture	Other	Natural_Gas	Stock	001	014	011	1	1	1

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	baseMargEShareConversion
Commercial Office	Space_Heat	Natural_Gas	Stock	001	001	001	1	1	1	0.65
Commercial Office	Space_Heat	Natural_Gas	Standard	001	001	001	1	2	2	0.3
Commercial Office	Space_Heat	Natural_Gas	High	001	001	001	1	3	3	0.04
Commercial Office	Space_Heat	Natural_Gas	Premium	001	001	001	1	4	4	0.01
Commercial Office	Space_Heat	Electric	Stock	001	001	001	2	1	1	1
Commercial Office	Water_Heat	Natural_Gas	Stock	001	001	002	1	1	1	0.4
Commercial Office	Water_Heat	Natural_Gas	Standard	001	001	002	1	2	2	0.5
Commercial Office	Water_Heat	Natural_Gas	High	001	001	002	1	3	3	0.08
Commercial Office	Water_Heat	Natural_Gas	Premium	001	001	002	1	4	4	0.02
Commercial Office	Water_Heat	Electric	Stock	001	001	002	2	1	1	0.4
Commercial Office	Water_Heat	Electric	Standard	001	001	002	2	2	2	0.5
Commercial Office	Water_Heat	Electric	High	001	001	002	2	3	3	0.08
Commercial Office	Water_Heat	Electric	Premium	001	001	002	2	4	4	0.02
Commercial Office	Cooking	Natural_Gas	Stock	001	001	003	1	1	1	0.65
Commercial Office	Cooking	Natural_Gas	Standard	001	001	003	1	2	2	0.35
Commercial Office	Cooking	Electric	Stock	001	001	003	2	1	1	0.65
Commercial Office	Cooking	Electric	Standard	001	001	003	2	2	2	0.35
Commercial Office	AC_Compressor	Natural_Gas	Stock	001	001	010	1	1	1	0.65
Commercial Office	AC_Compressor	Natural_Gas	Standard	001	001	010	1	2	2	0.35
Commercial Office	AC_Compressor	Electric	Stock	001	001	010	2	1	1	0.65
Commercial Office	AC_Compressor	Electric	Standard	001	001	010	2	2	2	0.35
Commercial Office	Other	Natural_Gas	Stock	001	001	011	1	1	1	1
Commercial Restaurant	Space_Heat	Natural_Gas	Stock	001	002	001	1	1	1	0.65
Commercial Restaurant	Space_Heat	Natural_Gas	Standard	001	002	001	1	2	2	0.3
Commercial Restaurant	Space_Heat	Natural_Gas	High	001	002	001	1	3	3	0.04
Commercial Restaurant	Space_Heat	Natural_Gas	Premium	001	002	001	1	4	4	0.01
Commercial Restaurant	Space_Heat	Electric	Stock	001	002	001	2	1	1	1
Commercial Restaurant	Water_Heat	Natural_Gas	Stock	001	002	002	1	1	1	0.4
Commercial Restaurant	Water_Heat	Natural_Gas	Standard	001	002	002	1	2	2	0.5
Commercial Restaurant	Water_Heat	Natural_Gas	High	001	002	002	1	3	3	0.08

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	baseMargEShareConversion
Commercial Restaurant	Water_Heat	Natural_Gas	Premium	001	002	002	1	4		0.02
Commercial Restaurant	Water_Heat	Electric	Stock	001	002	002	2	1		0.4
Commercial Restaurant	Water_Heat	Electric	Standard	001	002	002	2	2		0.5
Commercial Restaurant	Water_Heat	Electric	High	001	002	002	2	3		0.08
Commercial Restaurant	Water_Heat	Electric	Premium	001	002	002	2	4		0.02
Commercial Restaurant	Cook_top	Natural_Gas	Stock	001	002	004	1	1		0.65
Commercial Restaurant	Cook_top	Natural_Gas	Standard	001	002	004	1	2		0.35
Commercial Restaurant	Cook_top	Electric	Stock	001	002	004	2	1		0.65
Commercial Restaurant	Cook_top	Electric	Standard	001	002	004	2	2		0.35
Commercial Restaurant	Fryer	Natural_Gas	Stock	001	002	005	1	1		0.65
Commercial Restaurant	Fryer	Natural_Gas	Standard	001	002	005	1	2		0.35
Commercial Restaurant	Fryer	Electric	Stock	001	002	005	2	1		0.65
Commercial Restaurant	Fryer	Electric	Standard	001	002	005	2	2		0.35
Commercial Restaurant	Griddle	Natural_Gas	Stock	001	002	006	1	1		0.65
Commercial Restaurant	Griddle	Natural_Gas	Standard	001	002	006	1	2		0.35
Commercial Restaurant	Griddle	Electric	Stock	001	002	006	2	1		0.65
Commercial Restaurant	Griddle	Electric	Standard	001	002	006	2	2		0.35
Commercial Restaurant	Other_Cooking	Natural_Gas	Stock	001	002	007	1	1		0.65
Commercial Restaurant	Other_Cooking	Natural_Gas	Standard	001	002	007	1	2		0.35
Commercial Restaurant	Other_Cooking	Electric	Stock	001	002	007	2	1		0.65
Commercial Restaurant	Other_Cooking	Electric	Standard	001	002	007	2	2		0.35
Commercial Restaurant	AC_Compressor	Natural_Gas	Stock	001	002	010	1	1		0.65
Commercial Restaurant	AC_Compressor	Natural_Gas	Standard	001	002	010	1	2		0.35
Commercial Restaurant	AC_Compressor	Electric	Stock	001	002	010	2	1		0.65
Commercial Restaurant	AC_Compressor	Electric	Standard	001	002	010	2	2		0.35
Commercial Restaurant	Other	Natural_Gas	Stock	001	002	011	1	1		1
Commercial Retail	Space_Heat	Natural_Gas	Stock	001	003	001	1	1		0.65
Commercial Retail	Space_Heat	Natural_Gas	Standard	001	003	001	1	2		0.3
Commercial Retail	Space_Heat	Natural_Gas	High	001	003	001	1	3		0.04
Commercial Retail	Space_Heat	Natural_Gas	Premium	001	003	001	1	4		0.01

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	baseMargEShareConversion
Commercial Retail	Space_Heat	Electric	Stock	001	003	001	2	1	1	1
Commercial Retail	Water_Heat	Natural_Gas	Stock	001	003	002	1	1	1	0.4
Commercial Retail	Water_Heat	Natural_Gas	Standard	001	003	002	1	2	2	0.5
Commercial Retail	Water_Heat	Natural_Gas	High	001	003	002	1	3	3	0.08
Commercial Retail	Water_Heat	Natural_Gas	Premium	001	003	002	1	4	4	0.02
Commercial Retail	Water_Heat	Electric	Stock	001	003	002	2	1	1	0.4
Commercial Retail	Water_Heat	Electric	Standard	001	003	002	2	2	2	0.5
Commercial Retail	Water_Heat	Electric	High	001	003	002	2	3	3	0.08
Commercial Retail	Water_Heat	Electric	Premium	001	003	002	2	4	4	0.02
Commercial Retail	Cooking	Natural_Gas	Stock	001	003	003	1	1	1	0.65
Commercial Retail	Cooking	Natural_Gas	Standard	001	003	003	1	2	2	0.35
Commercial Retail	Cooking	Electric	Stock	001	003	003	2	1	1	0.65
Commercial Retail	Cooking	Electric	Standard	001	003	003	2	2	2	0.35
Commercial Retail	Other	Natural_Gas	Stock	001	003	011	1	1	1	1
Commercial Laundry	Space_Heat	Natural_Gas	Stock	001	004	001	1	1	1	0.65
Commercial Laundry	Space_Heat	Natural_Gas	Standard	001	004	001	1	2	2	0.3
Commercial Laundry	Space_Heat	Natural_Gas	High	001	004	001	1	3	3	0.04
Commercial Laundry	Space_Heat	Natural_Gas	Premium	001	004	001	1	4	4	0.01
Commercial Laundry	Space_Heat	Electric	Stock	001	004	001	2	1	1	1
Commercial Laundry	Water_Heat	Natural_Gas	Stock	001	004	002	1	1	1	0.4
Commercial Laundry	Water_Heat	Natural_Gas	Standard	001	004	002	1	2	2	0.5
Commercial Laundry	Water_Heat	Natural_Gas	High	001	004	002	1	3	3	0.08
Commercial Laundry	Water_Heat	Natural_Gas	Premium	001	004	002	1	4	4	0.02
Commercial Laundry	Water_Heat	Electric	Stock	001	004	002	2	1	1	0.4
Commercial Laundry	Water_Heat	Electric	Standard	001	004	002	2	2	2	0.5
Commercial Laundry	Water_Heat	Electric	High	001	004	002	2	3	3	0.08
Commercial Laundry	Water_Heat	Electric	Premium	001	004	002	2	4	4	0.02
Commercial Laundry	Drying	Natural_Gas	Stock	001	004	008	1	1	1	0.65
Commercial Laundry	Drying	Natural_Gas	Standard	001	004	008	1	2	2	0.35
Commercial Laundry	Drying	Electric	Stock	001	004	008	2	1	1	0.65

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	baseMargEShareConversion
Commercial Laundry	Drying	Electric	Standard	001	004	008	2	2		0.35
Commercial Laundry	Other	Natural_Gas	Stock	001	004	011	1	1		1
Commercial Warehouse	Space_Heat	Natural_Gas	Stock	001	005	001	1	1		0.65
Commercial Warehouse	Space_Heat	Natural_Gas	Standard	001	005	001	1	2		0.3
Commercial Warehouse	Space_Heat	Natural_Gas	High	001	005	001	1	3		0.04
Commercial Warehouse	Space_Heat	Natural_Gas	Premium	001	005	001	1	4		0.01
Commercial Warehouse	Space_Heat	Electric	Stock	001	005	001	2	1		1
Commercial Warehouse	Water_Heat	Natural_Gas	Stock	001	005	002	1	1		0.4
Commercial Warehouse	Water_Heat	Natural_Gas	Standard	001	005	002	1	2		0.5
Commercial Warehouse	Water_Heat	Natural_Gas	High	001	005	002	1	3		0.08
Commercial Warehouse	Water_Heat	Natural_Gas	Premium	001	005	002	1	4		0.02
Commercial Warehouse	Water_Heat	Electric	Stock	001	005	002	2	1		0.4
Commercial Warehouse	Water_Heat	Electric	Standard	001	005	002	2	2		0.5
Commercial Warehouse	Water_Heat	Electric	High	001	005	002	2	3		0.08
Commercial Warehouse	Water_Heat	Electric	Premium	001	005	002	2	4		0.02
Commercial Warehouse	Engine	Natural_Gas	Stock	001	005	009	1	1		0.65
Commercial Warehouse	Engine	Natural_Gas	Standard	001	005	009	1	2		0.35
Commercial Warehouse	Engine	Electric	Stock	001	005	009	2	1		0.65
Commercial Warehouse	Engine	Electric	Standard	001	005	009	2	2		0.35
Commercial Warehouse	Other	Natural_Gas	Stock	001	005	011	1	1		1
Commercial School	Space_Heat	Natural_Gas	Stock	001	006	001	1	1		0.65
Commercial School	Space_Heat	Natural_Gas	Standard	001	006	001	1	2		0.3
Commercial School	Space_Heat	Natural_Gas	High	001	006	001	1	3		0.04
Commercial School	Space_Heat	Natural_Gas	Premium	001	006	001	1	4		0.01
Commercial School	Space_Heat	Electric	Stock	001	006	001	2	1		1
Commercial School	Water_Heat	Natural_Gas	Stock	001	006	002	1	1		0.4
Commercial School	Water_Heat	Natural_Gas	Standard	001	006	002	1	2		0.5
Commercial School	Water_Heat	Natural_Gas	High	001	006	002	1	3		0.08
Commercial School	Water_Heat	Natural_Gas	Premium	001	006	002	1	4		0.02
Commercial School	Water_Heat	Electric	Stock	001	006	002	2	1		0.4

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	baseMargEShareConversion
Commercial	School	Water_Heat	Electric	Standard	001	006	002	2	2	0.5
Commercial	School	Water_Heat	Electric	High	001	006	002	2	3	0.08
Commercial	School	Water_Heat	Electric	Premium	001	006	002	2	4	0.02
Commercial	School	Cook_top	Natural_Gas	Stock	001	006	004	1	1	0.65
Commercial	School	Cook_top	Natural_Gas	Standard	001	006	004	1	2	0.35
Commercial	School	Cook_top	Electric	Stock	001	006	004	2	1	0.65
Commercial	School	Cook_top	Electric	Standard	001	006	004	2	2	0.35
Commercial	School	Fryer	Natural_Gas	Stock	001	006	005	1	1	0.65
Commercial	School	Fryer	Natural_Gas	Standard	001	006	005	1	2	0.35
Commercial	School	Fryer	Electric	Stock	001	006	005	2	1	0.65
Commercial	School	Fryer	Electric	Standard	001	006	005	2	2	0.35
Commercial	School	Griddle	Natural_Gas	Stock	001	006	006	1	1	0.65
Commercial	School	Griddle	Natural_Gas	Standard	001	006	006	1	2	0.35
Commercial	School	Griddle	Electric	Stock	001	006	006	2	1	0.65
Commercial	School	Griddle	Electric	Standard	001	006	006	2	2	0.35
Commercial	School	Other_Cooking	Natural_Gas	Stock	001	006	007	1	1	0.65
Commercial	School	Other_Cooking	Natural_Gas	Standard	001	006	007	1	2	0.35
Commercial	School	Other_Cooking	Electric	Stock	001	006	007	2	1	0.65
Commercial	School	Other_Cooking	Electric	Standard	001	006	007	2	2	0.35
Commercial	School	AC_Compressor	Natural_Gas	Stock	001	006	010	1	1	0.65
Commercial	School	AC_Compressor	Natural_Gas	Standard	001	006	010	1	2	0.35
Commercial	School	AC_Compressor	Electric	Stock	001	006	010	2	1	0.65
Commercial	School	AC_Compressor	Electric	Standard	001	006	010	2	2	0.35
Commercial	School	Other	Natural_Gas	Stock	001	006	011	1	1	1
Commercial	College	Space_Heat	Natural_Gas	Stock	001	007	001	1	1	0.65
Commercial	College	Space_Heat	Natural_Gas	Standard	001	007	001	1	2	0.3
Commercial	College	Space_Heat	Natural_Gas	High	001	007	001	1	3	0.04
Commercial	College	Space_Heat	Natural_Gas	Premium	001	007	001	1	4	0.01
Commercial	College	Space_Heat	Electric	Stock	001	007	001	2	1	1
Commercial	College	Water_Heat	Natural_Gas	Stock	001	007	002	1	1	0.4

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	baseMargEShareConversion
Commercial	College	Water_Heat	Natural_Gas	Standard	001	007	002	1	2	0.5
Commercial	College	Water_Heat	Natural_Gas	High	001	007	002	1	3	0.08
Commercial	College	Water_Heat	Natural_Gas	Premium	001	007	002	1	4	0.02
Commercial	College	Water_Heat	Electric	Stock	001	007	002	2	1	0.4
Commercial	College	Water_Heat	Electric	Standard	001	007	002	2	2	0.5
Commercial	College	Water_Heat	Electric	High	001	007	002	2	3	0.08
Commercial	College	Water_Heat	Electric	Premium	001	007	002	2	4	0.02
Commercial	College	Cook_top	Natural_Gas	Stock	001	007	004	1	1	0.65
Commercial	College	Cook_top	Natural_Gas	Standard	001	007	004	1	2	0.35
Commercial	College	Cook_top	Electric	Stock	001	007	004	2	1	0.65
Commercial	College	Cook_top	Electric	Standard	001	007	004	2	2	0.35
Commercial	College	Fryer	Natural_Gas	Stock	001	007	005	1	1	0.65
Commercial	College	Fryer	Natural_Gas	Standard	001	007	005	1	2	0.35
Commercial	College	Fryer	Electric	Stock	001	007	005	2	1	0.65
Commercial	College	Fryer	Electric	Standard	001	007	005	2	2	0.35
Commercial	College	Griddle	Natural_Gas	Stock	001	007	006	1	1	0.65
Commercial	College	Griddle	Natural_Gas	Standard	001	007	006	1	2	0.35
Commercial	College	Griddle	Electric	Stock	001	007	006	2	1	0.65
Commercial	College	Griddle	Electric	Standard	001	007	006	2	2	0.35
Commercial	College	Other_Cooking	Natural_Gas	Stock	001	007	007	1	1	0.65
Commercial	College	Other_Cooking	Natural_Gas	Standard	001	007	007	1	2	0.35
Commercial	College	Other_Cooking	Electric	Stock	001	007	007	2	1	0.65
Commercial	College	Other_Cooking	Electric	Standard	001	007	007	2	2	0.35
Commercial	College	AC_Compressor	Natural_Gas	Stock	001	007	010	1	1	0.65
Commercial	College	AC_Compressor	Natural_Gas	Standard	001	007	010	1	2	0.35
Commercial	College	AC_Compressor	Electric	Stock	001	007	010	2	1	0.65
Commercial	College	AC_Compressor	Electric	Standard	001	007	010	2	2	0.35
Commercial	College	Other	Natural_Gas	Stock	001	007	011	1	1	1
Commercial	Health	Space_Heat	Natural_Gas	Stock	001	008	001	1	1	0.65
Commercial	Health	Space_Heat	Natural_Gas	Standard	001	008	001	1	2	0.3

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	baseMargEShareConversion
Commercial	Health	Space_Heat	Natural_Gas	High	001	008	001	1	3	0.04
Commercial	Health	Space_Heat	Natural_Gas	Premium	001	008	001	1	4	0.01
Commercial	Health	Space_Heat	Electric	Stock	001	008	001	2	1	1
Commercial	Health	Water_Heat	Natural_Gas	Stock	001	008	002	1	1	0.4
Commercial	Health	Water_Heat	Natural_Gas	Standard	001	008	002	1	2	0.5
Commercial	Health	Water_Heat	Natural_Gas	High	001	008	002	1	3	0.08
Commercial	Health	Water_Heat	Natural_Gas	Premium	001	008	002	1	4	0.02
Commercial	Health	Water_Heat	Electric	Stock	001	008	002	2	1	0.4
Commercial	Health	Water_Heat	Electric	Standard	001	008	002	2	2	0.5
Commercial	Health	Water_Heat	Electric	High	001	008	002	2	3	0.08
Commercial	Health	Water_Heat	Electric	Premium	001	008	002	2	4	0.02
Commercial	Health	Cook_top	Natural_Gas	Stock	001	008	004	1	1	0.65
Commercial	Health	Cook_top	Natural_Gas	Standard	001	008	004	1	2	0.35
Commercial	Health	Cook_top	Electric	Stock	001	008	004	2	1	0.65
Commercial	Health	Cook_top	Electric	Standard	001	008	004	2	2	0.35
Commercial	Health	Fryer	Natural_Gas	Stock	001	008	005	1	1	0.65
Commercial	Health	Fryer	Natural_Gas	Standard	001	008	005	1	2	0.35
Commercial	Health	Fryer	Electric	Stock	001	008	005	2	1	0.65
Commercial	Health	Fryer	Electric	Standard	001	008	005	2	2	0.35
Commercial	Health	Griddle	Natural_Gas	Stock	001	008	006	1	1	0.65
Commercial	Health	Griddle	Natural_Gas	Standard	001	008	006	1	2	0.35
Commercial	Health	Griddle	Electric	Stock	001	008	006	2	1	0.65
Commercial	Health	Griddle	Electric	Standard	001	008	006	2	2	0.35
Commercial	Health	Other_Cooking	Natural_Gas	Stock	001	008	007	1	1	0.65
Commercial	Health	Other_Cooking	Natural_Gas	Standard	001	008	007	1	2	0.35
Commercial	Health	Other_Cooking	Electric	Stock	001	008	007	2	1	0.65
Commercial	Health	Other_Cooking	Electric	Standard	001	008	007	2	2	0.35
Commercial	Health	Drying	Natural_Gas	Stock	001	008	008	1	1	0.65
Commercial	Health	Drying	Natural_Gas	Standard	001	008	008	1	2	0.35
Commercial	Health	Drying	Electric	Stock	001	008	008	2	1	0.65

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	baseMargEShareConversion
Commercial	Health	Drying	Electric	Standard	001	008	008	2	2	0.35
Commercial	Health	AC_Compressor	Natural_Gas	Stock	001	008	010	1	1	0.65
Commercial	Health	AC_Compressor	Natural_Gas	Standard	001	008	010	1	2	0.35
Commercial	Health	AC_Compressor	Electric	Stock	001	008	010	2	1	0.65
Commercial	Health	AC_Compressor	Electric	Standard	001	008	010	2	2	0.35
Commercial	Health	Other	Natural_Gas	Stock	001	008	011	1	1	1
Commercial	Lodging	Space_Heat	Natural_Gas	Stock	001	009	001	1	1	0.65
Commercial	Lodging	Space_Heat	Natural_Gas	Standard	001	009	001	1	2	0.3
Commercial	Lodging	Space_Heat	Natural_Gas	High	001	009	001	1	3	0.04
Commercial	Lodging	Space_Heat	Natural_Gas	Premium	001	009	001	1	4	0.01
Commercial	Lodging	Space_Heat	Electric	Stock	001	009	001	2	1	1
Commercial	Lodging	Water_Heat	Natural_Gas	Stock	001	009	002	1	1	0.4
Commercial	Lodging	Water_Heat	Natural_Gas	Standard	001	009	002	1	2	0.5
Commercial	Lodging	Water_Heat	Natural_Gas	High	001	009	002	1	3	0.08
Commercial	Lodging	Water_Heat	Natural_Gas	Premium	001	009	002	1	4	0.02
Commercial	Lodging	Water_Heat	Electric	Stock	001	009	002	2	1	0.4
Commercial	Lodging	Water_Heat	Electric	Standard	001	009	002	2	2	0.5
Commercial	Lodging	Water_Heat	Electric	High	001	009	002	2	3	0.08
Commercial	Lodging	Water_Heat	Electric	Premium	001	009	002	2	4	0.02
Commercial	Lodging	Cook_top	Natural_Gas	Stock	001	009	004	1	1	0.65
Commercial	Lodging	Cook_top	Natural_Gas	Standard	001	009	004	1	2	0.35
Commercial	Lodging	Cook_top	Electric	Stock	001	009	004	2	1	0.65
Commercial	Lodging	Cook_top	Electric	Standard	001	009	004	2	2	0.35
Commercial	Lodging	Fryer	Natural_Gas	Stock	001	009	005	1	1	0.65
Commercial	Lodging	Fryer	Natural_Gas	Standard	001	009	005	1	2	0.35
Commercial	Lodging	Fryer	Electric	Stock	001	009	005	2	1	0.65
Commercial	Lodging	Fryer	Electric	Standard	001	009	005	2	2	0.35
Commercial	Lodging	Griddle	Natural_Gas	Stock	001	009	006	1	1	0.65
Commercial	Lodging	Griddle	Natural_Gas	Standard	001	009	006	1	2	0.35
Commercial	Lodging	Griddle	Electric	Stock	001	009	006	2	1	0.65

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	baseMargEShareConversion
Commercial Lodging	Griddle	Electric	Standard	001	009	006	2	2	0.35	
Commercial Lodging	Other_Cooking	Natural_Gas	Stock	001	009	007	1	1	0.65	
Commercial Lodging	Other_Cooking	Natural_Gas	Standard	001	009	007	1	2	0.35	
Commercial Lodging	Other_Cooking	Electric	Stock	001	009	007	2	1	0.65	
Commercial Lodging	Other_Cooking	Electric	Standard	001	009	007	2	2	0.35	
Commercial Lodging	Drying	Natural_Gas	Stock	001	009	008	1	1	0.65	
Commercial Lodging	Drying	Natural_Gas	Standard	001	009	008	1	2	0.35	
Commercial Lodging	Drying	Electric	Stock	001	009	008	2	1	0.65	
Commercial Lodging	Drying	Electric	Standard	001	009	008	2	2	0.35	
Commercial Lodging	AC_Compressor	Natural_Gas	Stock	001	009	010	1	1	0.65	
Commercial Lodging	AC_Compressor	Natural_Gas	Standard	001	009	010	1	2	0.35	
Commercial Lodging	AC_Compressor	Electric	Stock	001	009	010	2	1	0.65	
Commercial Lodging	AC_Compressor	Electric	Standard	001	009	010	2	2	0.35	
Commercial Lodging	Other	Natural_Gas	Stock	001	009	011	1	1	1	
Commercial Misc	Space_Heat	Natural_Gas	Stock	001	010	001	1	1	0.65	
Commercial Misc	Space_Heat	Natural_Gas	Standard	001	010	001	1	2	0.3	
Commercial Misc	Space_Heat	Natural_Gas	High	001	010	001	1	3	0.04	
Commercial Misc	Space_Heat	Natural_Gas	Premium	001	010	001	1	4	0.01	
Commercial Misc	Space_Heat	Electric	Stock	001	010	001	2	1	1	
Commercial Misc	Water_Heat	Natural_Gas	Stock	001	010	002	1	1	0.4	
Commercial Misc	Water_Heat	Natural_Gas	Standard	001	010	002	1	2	0.5	
Commercial Misc	Water_Heat	Natural_Gas	High	001	010	002	1	3	0.08	
Commercial Misc	Water_Heat	Natural_Gas	Premium	001	010	002	1	4	0.02	
Commercial Misc	Water_Heat	Electric	Stock	001	010	002	2	1	0.4	
Commercial Misc	Water_Heat	Electric	Standard	001	010	002	2	2	0.5	
Commercial Misc	Water_Heat	Electric	High	001	010	002	2	3	0.08	
Commercial Misc	Water_Heat	Electric	Premium	001	010	002	2	4	0.02	
Commercial Misc	Cook_top	Natural_Gas	Stock	001	010	004	1	1	0.65	
Commercial Misc	Cook_top	Natural_Gas	Standard	001	010	004	1	2	0.35	
Commercial Misc	Cook_top	Electric	Stock	001	010	004	2	1	0.65	

**SAN DIEGO GAS & ELECTRIC
 E-SHARES FOR CORE COMMERCIAL SECTOR**

zName	bName	nName	fName	eName	z	b	n	f	e	baseMargEShareConversion
Commercial	Misc	Cook_top	Electric	Standard	001	010	004	2	2	0.35
Commercial	Misc	Fryer	Natural_Gas	Stock	001	010	005	1	1	0.65
Commercial	Misc	Fryer	Natural_Gas	Standard	001	010	005	1	2	0.35
Commercial	Misc	Fryer	Electric	Stock	001	010	005	2	1	0.65
Commercial	Misc	Fryer	Electric	Standard	001	010	005	2	2	0.35
Commercial	Misc	Griddle	Natural_Gas	Stock	001	010	006	1	1	0.65
Commercial	Misc	Griddle	Natural_Gas	Standard	001	010	006	1	2	0.35
Commercial	Misc	Griddle	Electric	Stock	001	010	006	2	1	0.65
Commercial	Misc	Griddle	Electric	Standard	001	010	006	2	2	0.35
Commercial	Misc	Other_Cooking	Natural_Gas	Stock	001	010	007	1	1	0.65
Commercial	Misc	Other_Cooking	Natural_Gas	Standard	001	010	007	1	2	0.35
Commercial	Misc	Other_Cooking	Electric	Stock	001	010	007	2	1	0.65
Commercial	Misc	Other_Cooking	Electric	Standard	001	010	007	2	2	0.35
Commercial	Misc	AC_Compressor	Natural_Gas	Stock	001	010	010	1	1	0.65
Commercial	Misc	AC_Compressor	Natural_Gas	Standard	001	010	010	1	2	0.35
Commercial	Misc	AC_Compressor	Electric	Stock	001	010	010	2	1	0.65
Commercial	Misc	AC_Compressor	Electric	Standard	001	010	010	2	2	0.35
Commercial	Misc	Other	Natural_Gas	Stock	001	010	011	1	1	1
Commercial	Government	Space_Heat	Natural_Gas	Stock	001	011	001	1	1	0.65
Commercial	Government	Space_Heat	Natural_Gas	Standard	001	011	001	1	2	0.3
Commercial	Government	Space_Heat	Natural_Gas	High	001	011	001	1	3	0.04
Commercial	Government	Space_Heat	Natural_Gas	Premium	001	011	001	1	4	0.01
Commercial	Government	Space_Heat	Electric	Stock	001	011	001	2	1	1
Commercial	Government	Water_Heat	Natural_Gas	Stock	001	011	002	1	1	0.4
Commercial	Government	Water_Heat	Natural_Gas	Standard	001	011	002	1	2	0.5
Commercial	Government	Water_Heat	Natural_Gas	High	001	011	002	1	3	0.08
Commercial	Government	Water_Heat	Natural_Gas	Premium	001	011	002	1	4	0.02
Commercial	Government	Water_Heat	Electric	Stock	001	011	002	2	1	0.4
Commercial	Government	Water_Heat	Electric	Standard	001	011	002	2	2	0.5
Commercial	Government	Water_Heat	Electric	High	001	011	002	2	3	0.08

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	baseMargEShareConversion
Commercial Governme	Water_Heat	Electric	Premium	001	011	002	2	4	0.02	
Commercial Governme	Cook_top	Natural_Gas	Stock	001	011	004	1	1	0.65	
Commercial Governme	Cook_top	Natural_Gas	Standard	001	011	004	1	2	0.35	
Commercial Governme	Cook_top	Electric	Stock	001	011	004	2	1	0.65	
Commercial Governme	Cook_top	Electric	Standard	001	011	004	2	2	0.35	
Commercial Governme	Fryer	Natural_Gas	Stock	001	011	005	1	1	0.65	
Commercial Governme	Fryer	Natural_Gas	Standard	001	011	005	1	2	0.35	
Commercial Governme	Fryer	Electric	Stock	001	011	005	2	1	0.65	
Commercial Governme	Fryer	Electric	Standard	001	011	005	2	2	0.35	
Commercial Governme	Griddle	Natural_Gas	Stock	001	011	006	1	1	0.65	
Commercial Governme	Griddle	Natural_Gas	Standard	001	011	006	1	2	0.35	
Commercial Governme	Griddle	Electric	Stock	001	011	006	2	1	0.65	
Commercial Governme	Griddle	Electric	Standard	001	011	006	2	2	0.35	
Commercial Governme	Other_Cooking	Natural_Gas	Stock	001	011	007	1	1	0.65	
Commercial Governme	Other_Cooking	Natural_Gas	Standard	001	011	007	1	2	0.35	
Commercial Governme	Other_Cooking	Electric	Stock	001	011	007	2	1	0.65	
Commercial Governme	Other_Cooking	Electric	Standard	001	011	007	2	2	0.35	
Commercial Governme	AC_Compressor	Natural_Gas	Stock	001	011	010	1	1	0.65	
Commercial Governme	AC_Compressor	Natural_Gas	Standard	001	011	010	1	2	0.35	
Commercial Governme	AC_Compressor	Electric	Stock	001	011	010	2	1	0.65	
Commercial Governme	AC_Compressor	Electric	Standard	001	011	010	2	2	0.35	
Commercial Governme	Other	Natural_Gas	Stock	001	011	011	1	1	1	
Commercial TCU	Space_Heat	Natural_Gas	Stock	001	012	001	1	1	0.65	
Commercial TCU	Space_Heat	Natural_Gas	Standard	001	012	001	1	2	0.3	
Commercial TCU	Space_Heat	Natural_Gas	High	001	012	001	1	3	0.04	
Commercial TCU	Space_Heat	Natural_Gas	Premium	001	012	001	1	4	0.01	
Commercial TCU	Space_Heat	Electric	Stock	001	012	001	2	1	1	
Commercial TCU	Water_Heat	Natural_Gas	Stock	001	012	002	1	1	0.4	
Commercial TCU	Water_Heat	Natural_Gas	Standard	001	012	002	1	2	0.5	
Commercial TCU	Water_Heat	Natural_Gas	High	001	012	002	1	3	0.08	

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	baseMargEShareConversion
Commercial	TCU	Water_Heat	Natural_Gas	Premium	001	012	002	1	4	0.02
Commercial	TCU	Water_Heat	Electric	Stock	001	012	002	2	1	0.4
Commercial	TCU	Water_Heat	Electric	Standard	001	012	002	2	2	0.5
Commercial	TCU	Water_Heat	Electric	High	001	012	002	2	3	0.08
Commercial	TCU	Water_Heat	Electric	Premium	001	012	002	2	4	0.02
Commercial	TCU	Engine	Natural_Gas	Stock	001	012	009	1	1	0.65
Commercial	TCU	Engine	Natural_Gas	Standard	001	012	009	1	2	0.35
Commercial	TCU	Engine	Electric	Stock	001	012	009	2	1	0.65
Commercial	TCU	Engine	Electric	Standard	001	012	009	2	2	0.35
Commercial	TCU	Other	Natural_Gas	Stock	001	012	011	1	1	1
Commercial	Constructic	Space_Heat	Natural_Gas	Stock	001	013	001	1	1	0.65
Commercial	Constructic	Space_Heat	Natural_Gas	Standard	001	013	001	1	2	0.3
Commercial	Constructic	Space_Heat	Natural_Gas	High	001	013	001	1	3	0.04
Commercial	Constructic	Space_Heat	Natural_Gas	Premium	001	013	001	1	4	0.01
Commercial	Constructic	Space_Heat	Electric	Stock	001	013	001	2	1	1
Commercial	Constructic	Water_Heat	Natural_Gas	Stock	001	013	002	1	1	0.4
Commercial	Constructic	Water_Heat	Natural_Gas	Standard	001	013	002	1	2	0.5
Commercial	Constructic	Water_Heat	Natural_Gas	High	001	013	002	1	3	0.08
Commercial	Constructic	Water_Heat	Natural_Gas	Premium	001	013	002	1	4	0.02
Commercial	Constructic	Water_Heat	Electric	Stock	001	013	002	2	1	0.4
Commercial	Constructic	Water_Heat	Electric	Standard	001	013	002	2	2	0.5
Commercial	Constructic	Water_Heat	Electric	High	001	013	002	2	3	0.08
Commercial	Constructic	Water_Heat	Electric	Premium	001	013	002	2	4	0.02
Commercial	Constructic	Other	Natural_Gas	Stock	001	013	011	1	1	1
Commercial	Agriculture	Space_Heat	Natural_Gas	Stock	001	014	001	1	1	0.65
Commercial	Agriculture	Space_Heat	Natural_Gas	Standard	001	014	001	1	2	0.3
Commercial	Agriculture	Space_Heat	Natural_Gas	High	001	014	001	1	3	0.04
Commercial	Agriculture	Space_Heat	Natural_Gas	Premium	001	014	001	1	4	0.01
Commercial	Agriculture	Space_Heat	Electric	Stock	001	014	001	2	1	1
Commercial	Agriculture	Water_Heat	Natural_Gas	Stock	001	014	002	1	1	0.4

**SAN DIEGO GAS & ELECTRIC
 E-SHARES FOR CORE COMMERCIAL SECTOR**

zName	bName	nName	fName	eName	z	b	n	f	e	baseMargEShareConversion
Commercial Agriculture Water_Heat	Natural_Gas	Standard	001	014	002	1	2			0.5
Commercial Agriculture Water_Heat	Natural_Gas	High	001	014	002	1	3			0.08
Commercial Agriculture Water_Heat	Natural_Gas	Premium	001	014	002	1	4			0.02
Commercial Agriculture Water_Heat	Electric	Stock	001	014	002	2	1			0.4
Commercial Agriculture Water_Heat	Electric	Standard	001	014	002	2	2			0.5
Commercial Agriculture Water_Heat	Electric	High	001	014	002	2	3			0.08
Commercial Agriculture Water_Heat	Electric	Premium	001	014	002	2	4			0.02
Commercial Agriculture Drying	Natural_Gas	Stock	001	014	008	1	1			0.65
Commercial Agriculture Drying	Natural_Gas	Standard	001	014	008	1	2			0.35
Commercial Agriculture Drying	Electric	Stock	001	014	008	2	1			0.65
Commercial Agriculture Drying	Electric	Standard	001	014	008	2	2			0.35
Commercial Agriculture Engine	Natural_Gas	Stock	001	014	009	1	1			0.65
Commercial Agriculture Engine	Natural_Gas	Standard	001	014	009	1	2			0.35
Commercial Agriculture Engine	Electric	Stock	001	014	009	2	1			0.65
Commercial Agriculture Engine	Electric	Standard	001	014	009	2	2			0.35
Commercial Agriculture Other	Natural_Gas	Stock	001	014	011	1	1			1

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	baseMargEShareNew
Commercial Office	Space_Heat	Natural_Gas	Stock	001	001	001	1	1	1	0.65
Commercial Office	Space_Heat	Natural_Gas	Standard	001	001	001	1	2	2	0.3
Commercial Office	Space_Heat	Natural_Gas	High	001	001	001	1	3	3	0.04
Commercial Office	Space_Heat	Natural_Gas	Premium	001	001	001	1	4	4	0.01
Commercial Office	Space_Heat	Electric	Stock	001	001	001	2	1	1	1
Commercial Office	Water_Heat	Natural_Gas	Stock	001	001	002	1	1	1	0.4
Commercial Office	Water_Heat	Natural_Gas	Standard	001	001	002	1	2	2	0.5
Commercial Office	Water_Heat	Natural_Gas	High	001	001	002	1	3	3	0.08
Commercial Office	Water_Heat	Natural_Gas	Premium	001	001	002	1	4	4	0.02
Commercial Office	Water_Heat	Electric	Stock	001	001	002	2	1	1	0.4
Commercial Office	Water_Heat	Electric	Standard	001	001	002	2	2	2	0.5
Commercial Office	Water_Heat	Electric	High	001	001	002	2	3	3	0.08
Commercial Office	Water_Heat	Electric	Premium	001	001	002	2	4	4	0.02
Commercial Office	Cooking	Natural_Gas	Stock	001	001	003	1	1	1	0.65
Commercial Office	Cooking	Natural_Gas	Standard	001	001	003	1	2	2	0.35
Commercial Office	Cooking	Electric	Stock	001	001	003	2	1	1	0.65
Commercial Office	Cooking	Electric	Standard	001	001	003	2	2	2	0.35
Commercial Office	AC_Compressor	Natural_Gas	Stock	001	001	010	1	1	1	0.65
Commercial Office	AC_Compressor	Natural_Gas	Standard	001	001	010	1	2	2	0.35
Commercial Office	AC_Compressor	Electric	Stock	001	001	010	2	1	1	0.65
Commercial Office	AC_Compressor	Electric	Standard	001	001	010	2	2	2	0.35
Commercial Office	Other	Natural_Gas	Stock	001	001	011	1	1	1	1
Commercial Restaurant	Space_Heat	Natural_Gas	Stock	001	002	001	1	1	1	0.65
Commercial Restaurant	Space_Heat	Natural_Gas	Standard	001	002	001	1	2	2	0.3
Commercial Restaurant	Space_Heat	Natural_Gas	High	001	002	001	1	3	3	0.04
Commercial Restaurant	Space_Heat	Natural_Gas	Premium	001	002	001	1	4	4	0.01
Commercial Restaurant	Space_Heat	Electric	Stock	001	002	001	2	1	1	1
Commercial Restaurant	Water_Heat	Natural_Gas	Stock	001	002	002	1	1	1	0.4
Commercial Restaurant	Water_Heat	Natural_Gas	Standard	001	002	002	1	2	2	0.5
Commercial Restaurant	Water_Heat	Natural_Gas	High	001	002	002	1	3	3	0.08

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	baseMargEShareNew
Commercial	Restaurant	Water_Heat	Natural_Gas	Premium	001	002	002	1	4	0.02
Commercial	Restaurant	Water_Heat	Electric	Stock	001	002	002	2	1	0.4
Commercial	Restaurant	Water_Heat	Electric	Standard	001	002	002	2	2	0.5
Commercial	Restaurant	Water_Heat	Electric	High	001	002	002	2	3	0.08
Commercial	Restaurant	Water_Heat	Electric	Premium	001	002	002	2	4	0.02
Commercial	Restaurant	Cook_top	Natural_Gas	Stock	001	002	004	1	1	0.65
Commercial	Restaurant	Cook_top	Natural_Gas	Standard	001	002	004	1	2	0.35
Commercial	Restaurant	Cook_top	Electric	Stock	001	002	004	2	1	0.65
Commercial	Restaurant	Cook_top	Electric	Standard	001	002	004	2	2	0.35
Commercial	Restaurant	Fryer	Natural_Gas	Stock	001	002	005	1	1	0.65
Commercial	Restaurant	Fryer	Natural_Gas	Standard	001	002	005	1	2	0.35
Commercial	Restaurant	Fryer	Electric	Stock	001	002	005	2	1	0.65
Commercial	Restaurant	Fryer	Electric	Standard	001	002	005	2	2	0.35
Commercial	Restaurant	Griddle	Natural_Gas	Stock	001	002	006	1	1	0.65
Commercial	Restaurant	Griddle	Natural_Gas	Standard	001	002	006	1	2	0.35
Commercial	Restaurant	Griddle	Electric	Stock	001	002	006	2	1	0.65
Commercial	Restaurant	Griddle	Electric	Standard	001	002	006	2	2	0.35
Commercial	Restaurant	Other_Cooking	Natural_Gas	Stock	001	002	007	1	1	0.65
Commercial	Restaurant	Other_Cooking	Natural_Gas	Standard	001	002	007	1	2	0.35
Commercial	Restaurant	Other_Cooking	Electric	Stock	001	002	007	2	1	0.65
Commercial	Restaurant	Other_Cooking	Electric	Standard	001	002	007	2	2	0.35
Commercial	Restaurant	AC_Compressor	Natural_Gas	Stock	001	002	010	1	1	0.65
Commercial	Restaurant	AC_Compressor	Natural_Gas	Standard	001	002	010	1	2	0.35
Commercial	Restaurant	AC_Compressor	Electric	Stock	001	002	010	2	1	0.65
Commercial	Restaurant	AC_Compressor	Electric	Standard	001	002	010	2	2	0.35
Commercial	Restaurant	Other	Natural_Gas	Stock	001	002	011	1	1	1
Commercial	Retail	Space_Heat	Natural_Gas	Stock	001	003	001	1	1	0.65
Commercial	Retail	Space_Heat	Natural_Gas	Standard	001	003	001	1	2	0.3
Commercial	Retail	Space_Heat	Natural_Gas	High	001	003	001	1	3	0.04
Commercial	Retail	Space_Heat	Natural_Gas	Premium	001	003	001	1	4	0.01

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	baseMargEShareNew
Commercial	Retail	Space_Heat	Electric	Stock	001	003	001	2	1	1
Commercial	Retail	Water_Heat	Natural_Gas	Stock	001	003	002	1	1	0.4
Commercial	Retail	Water_Heat	Natural_Gas	Standard	001	003	002	1	2	0.5
Commercial	Retail	Water_Heat	Natural_Gas	High	001	003	002	1	3	0.08
Commercial	Retail	Water_Heat	Natural_Gas	Premium	001	003	002	1	4	0.02
Commercial	Retail	Water_Heat	Electric	Stock	001	003	002	2	1	0.4
Commercial	Retail	Water_Heat	Electric	Standard	001	003	002	2	2	0.5
Commercial	Retail	Water_Heat	Electric	High	001	003	002	2	3	0.08
Commercial	Retail	Water_Heat	Electric	Premium	001	003	002	2	4	0.02
Commercial	Retail	Cooking	Natural_Gas	Stock	001	003	003	1	1	0.65
Commercial	Retail	Cooking	Natural_Gas	Standard	001	003	003	1	2	0.35
Commercial	Retail	Cooking	Electric	Stock	001	003	003	2	1	0.65
Commercial	Retail	Cooking	Electric	Standard	001	003	003	2	2	0.35
Commercial	Retail	Other	Natural_Gas	Stock	001	003	011	1	1	1
Commercial	Laundry	Space_Heat	Natural_Gas	Stock	001	004	001	1	1	0.65
Commercial	Laundry	Space_Heat	Natural_Gas	Standard	001	004	001	1	2	0.3
Commercial	Laundry	Space_Heat	Natural_Gas	High	001	004	001	1	3	0.04
Commercial	Laundry	Space_Heat	Natural_Gas	Premium	001	004	001	1	4	0.01
Commercial	Laundry	Space_Heat	Electric	Stock	001	004	001	2	1	1
Commercial	Laundry	Water_Heat	Natural_Gas	Stock	001	004	002	1	1	0.4
Commercial	Laundry	Water_Heat	Natural_Gas	Standard	001	004	002	1	2	0.5
Commercial	Laundry	Water_Heat	Natural_Gas	High	001	004	002	1	3	0.08
Commercial	Laundry	Water_Heat	Natural_Gas	Premium	001	004	002	1	4	0.02
Commercial	Laundry	Water_Heat	Electric	Stock	001	004	002	2	1	0.4
Commercial	Laundry	Water_Heat	Electric	Standard	001	004	002	2	2	0.5
Commercial	Laundry	Water_Heat	Electric	High	001	004	002	2	3	0.08
Commercial	Laundry	Water_Heat	Electric	Premium	001	004	002	2	4	0.02
Commercial	Laundry	Drying	Natural_Gas	Stock	001	004	008	1	1	0.65
Commercial	Laundry	Drying	Natural_Gas	Standard	001	004	008	1	2	0.35
Commercial	Laundry	Drying	Electric	Stock	001	004	008	2	1	0.65

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	baseMargEShareNew
Commercial Laundry	Drying	Electric	Standard	001	004	008	2	2		0.35
Commercial Laundry	Other	Natural_Gas	Stock	001	004	011	1	1		1
Commercial Warehouse	Space_Heat	Natural_Gas	Stock	001	005	001	1	1		0.65
Commercial Warehouse	Space_Heat	Natural_Gas	Standard	001	005	001	1	2		0.3
Commercial Warehouse	Space_Heat	Natural_Gas	High	001	005	001	1	3		0.04
Commercial Warehouse	Space_Heat	Natural_Gas	Premium	001	005	001	1	4		0.01
Commercial Warehouse	Space_Heat	Electric	Stock	001	005	001	2	1		1
Commercial Warehouse	Water_Heat	Natural_Gas	Stock	001	005	002	1	1		0.4
Commercial Warehouse	Water_Heat	Natural_Gas	Standard	001	005	002	1	2		0.5
Commercial Warehouse	Water_Heat	Natural_Gas	High	001	005	002	1	3		0.08
Commercial Warehouse	Water_Heat	Natural_Gas	Premium	001	005	002	1	4		0.02
Commercial Warehouse	Water_Heat	Electric	Stock	001	005	002	2	1		0.4
Commercial Warehouse	Water_Heat	Electric	Standard	001	005	002	2	2		0.5
Commercial Warehouse	Water_Heat	Electric	High	001	005	002	2	3		0.08
Commercial Warehouse	Water_Heat	Electric	Premium	001	005	002	2	4		0.02
Commercial Warehouse	Engine	Natural_Gas	Stock	001	005	009	1	1		0.65
Commercial Warehouse	Engine	Natural_Gas	Standard	001	005	009	1	2		0.35
Commercial Warehouse	Engine	Electric	Stock	001	005	009	2	1		0.65
Commercial Warehouse	Engine	Electric	Standard	001	005	009	2	2		0.35
Commercial Warehouse	Other	Natural_Gas	Stock	001	005	011	1	1		1
Commercial School	Space_Heat	Natural_Gas	Stock	001	006	001	1	1		0.65
Commercial School	Space_Heat	Natural_Gas	Standard	001	006	001	1	2		0.3
Commercial School	Space_Heat	Natural_Gas	High	001	006	001	1	3		0.04
Commercial School	Space_Heat	Natural_Gas	Premium	001	006	001	1	4		0.01
Commercial School	Space_Heat	Electric	Stock	001	006	001	2	1		1
Commercial School	Water_Heat	Natural_Gas	Stock	001	006	002	1	1		0.4
Commercial School	Water_Heat	Natural_Gas	Standard	001	006	002	1	2		0.5
Commercial School	Water_Heat	Natural_Gas	High	001	006	002	1	3		0.08
Commercial School	Water_Heat	Natural_Gas	Premium	001	006	002	1	4		0.02
Commercial School	Water_Heat	Electric	Stock	001	006	002	2	1		0.4

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	baseMargEShareNew
Commercial School	Water_Heat	Electric	Standard	001	006	002	2	2	0.5	
Commercial School	Water_Heat	Electric	High	001	006	002	2	3	0.08	
Commercial School	Water_Heat	Electric	Premium	001	006	002	2	4	0.02	
Commercial School	Cook_top	Natural_Gas	Stock	001	006	004	1	1	0.65	
Commercial School	Cook_top	Natural_Gas	Standard	001	006	004	1	2	0.35	
Commercial School	Cook_top	Electric	Stock	001	006	004	2	1	0.65	
Commercial School	Cook_top	Electric	Standard	001	006	004	2	2	0.35	
Commercial School	Fryer	Natural_Gas	Stock	001	006	005	1	1	0.65	
Commercial School	Fryer	Natural_Gas	Standard	001	006	005	1	2	0.35	
Commercial School	Fryer	Electric	Stock	001	006	005	2	1	0.65	
Commercial School	Fryer	Electric	Standard	001	006	005	2	2	0.35	
Commercial School	Griddle	Natural_Gas	Stock	001	006	006	1	1	0.65	
Commercial School	Griddle	Natural_Gas	Standard	001	006	006	1	2	0.35	
Commercial School	Griddle	Electric	Stock	001	006	006	2	1	0.65	
Commercial School	Griddle	Electric	Standard	001	006	006	2	2	0.35	
Commercial School	Other_Cooking	Natural_Gas	Stock	001	006	007	1	1	0.65	
Commercial School	Other_Cooking	Natural_Gas	Standard	001	006	007	1	2	0.35	
Commercial School	Other_Cooking	Electric	Stock	001	006	007	2	1	0.65	
Commercial School	Other_Cooking	Electric	Standard	001	006	007	2	2	0.35	
Commercial School	AC_Compressor	Natural_Gas	Stock	001	006	010	1	1	0.65	
Commercial School	AC_Compressor	Natural_Gas	Standard	001	006	010	1	2	0.35	
Commercial School	AC_Compressor	Electric	Stock	001	006	010	2	1	0.65	
Commercial School	AC_Compressor	Electric	Standard	001	006	010	2	2	0.35	
Commercial School	Other	Natural_Gas	Stock	001	006	011	1	1	1	
Commercial College	Space_Heat	Natural_Gas	Stock	001	007	001	1	1	0.65	
Commercial College	Space_Heat	Natural_Gas	Standard	001	007	001	1	2	0.3	
Commercial College	Space_Heat	Natural_Gas	High	001	007	001	1	3	0.04	
Commercial College	Space_Heat	Natural_Gas	Premium	001	007	001	1	4	0.01	
Commercial College	Space_Heat	Electric	Stock	001	007	001	2	1	1	
Commercial College	Water_Heat	Natural_Gas	Stock	001	007	002	1	1	0.4	

**SAN DIEGO GAS & ELECTRIC
E-SHARES FOR CORE COMMERCIAL SECTOR**

zName	bName	nName	fName	eName	z	b	n	f	e	baseMargEShareNew
Commercial	College	Water_Heat	Natural_Gas	Standard	001	007	002	1	2	0.5
Commercial	College	Water_Heat	Natural_Gas	High	001	007	002	1	3	0.08
Commercial	College	Water_Heat	Natural_Gas	Premium	001	007	002	1	4	0.02
Commercial	College	Water_Heat	Electric	Stock	001	007	002	2	1	0.4
Commercial	College	Water_Heat	Electric	Standard	001	007	002	2	2	0.5
Commercial	College	Water_Heat	Electric	High	001	007	002	2	3	0.08
Commercial	College	Water_Heat	Electric	Premium	001	007	002	2	4	0.02
Commercial	College	Cook_top	Natural_Gas	Stock	001	007	004	1	1	0.65
Commercial	College	Cook_top	Natural_Gas	Standard	001	007	004	1	2	0.35
Commercial	College	Cook_top	Electric	Stock	001	007	004	2	1	0.65
Commercial	College	Cook_top	Electric	Standard	001	007	004	2	2	0.35
Commercial	College	Fryer	Natural_Gas	Stock	001	007	005	1	1	0.65
Commercial	College	Fryer	Natural_Gas	Standard	001	007	005	1	2	0.35
Commercial	College	Fryer	Electric	Stock	001	007	005	2	1	0.65
Commercial	College	Fryer	Electric	Standard	001	007	005	2	2	0.35
Commercial	College	Griddle	Natural_Gas	Stock	001	007	006	1	1	0.65
Commercial	College	Griddle	Natural_Gas	Standard	001	007	006	1	2	0.35
Commercial	College	Griddle	Electric	Stock	001	007	006	2	1	0.65
Commercial	College	Griddle	Electric	Standard	001	007	006	2	2	0.35
Commercial	College	Other_Cooking	Natural_Gas	Stock	001	007	007	1	1	0.65
Commercial	College	Other_Cooking	Natural_Gas	Standard	001	007	007	1	2	0.35
Commercial	College	Other_Cooking	Electric	Stock	001	007	007	2	1	0.65
Commercial	College	Other_Cooking	Electric	Standard	001	007	007	2	2	0.35
Commercial	College	AC_Compressor	Natural_Gas	Stock	001	007	010	1	1	0.65
Commercial	College	AC_Compressor	Natural_Gas	Standard	001	007	010	1	2	0.35
Commercial	College	AC_Compressor	Electric	Stock	001	007	010	2	1	0.65
Commercial	College	AC_Compressor	Electric	Standard	001	007	010	2	2	0.35
Commercial	College	Other	Natural_Gas	Stock	001	007	011	1	1	1
Commercial	Health	Space_Heat	Natural_Gas	Stock	001	008	001	1	1	0.65
Commercial	Health	Space_Heat	Natural_Gas	Standard	001	008	001	1	2	0.3

**SAN DIEGO GAS & ELECTRIC
E-SHARES FOR CORE COMMERCIAL SECTOR**

zName	bName	nName	fName	eName	z	b	n	f	e	baseMargEShareNew
Commercial	Health	Space_Heat	Natural_Gas	High	001	008	001	1	3	0.04
Commercial	Health	Space_Heat	Natural_Gas	Premium	001	008	001	1	4	0.01
Commercial	Health	Space_Heat	Electric	Stock	001	008	001	2	1	1
Commercial	Health	Water_Heat	Natural_Gas	Stock	001	008	002	1	1	0.4
Commercial	Health	Water_Heat	Natural_Gas	Standard	001	008	002	1	2	0.5
Commercial	Health	Water_Heat	Natural_Gas	High	001	008	002	1	3	0.08
Commercial	Health	Water_Heat	Natural_Gas	Premium	001	008	002	1	4	0.02
Commercial	Health	Water_Heat	Electric	Stock	001	008	002	2	1	0.4
Commercial	Health	Water_Heat	Electric	Standard	001	008	002	2	2	0.5
Commercial	Health	Water_Heat	Electric	High	001	008	002	2	3	0.08
Commercial	Health	Water_Heat	Electric	Premium	001	008	002	2	4	0.02
Commercial	Health	Cook_top	Natural_Gas	Stock	001	008	004	1	1	0.65
Commercial	Health	Cook_top	Natural_Gas	Standard	001	008	004	1	2	0.35
Commercial	Health	Cook_top	Electric	Stock	001	008	004	2	1	0.65
Commercial	Health	Cook_top	Electric	Standard	001	008	004	2	2	0.35
Commercial	Health	Fryer	Natural_Gas	Stock	001	008	005	1	1	0.65
Commercial	Health	Fryer	Natural_Gas	Standard	001	008	005	1	2	0.35
Commercial	Health	Fryer	Electric	Stock	001	008	005	2	1	0.65
Commercial	Health	Fryer	Electric	Standard	001	008	005	2	2	0.35
Commercial	Health	Griddle	Natural_Gas	Stock	001	008	006	1	1	0.65
Commercial	Health	Griddle	Natural_Gas	Standard	001	008	006	1	2	0.35
Commercial	Health	Griddle	Electric	Stock	001	008	006	2	1	0.65
Commercial	Health	Griddle	Electric	Standard	001	008	006	2	2	0.35
Commercial	Health	Other_Cooking	Natural_Gas	Stock	001	008	007	1	1	0.65
Commercial	Health	Other_Cooking	Natural_Gas	Standard	001	008	007	1	2	0.35
Commercial	Health	Other_Cooking	Electric	Stock	001	008	007	2	1	0.65
Commercial	Health	Other_Cooking	Electric	Standard	001	008	007	2	2	0.35
Commercial	Health	Drying	Natural_Gas	Stock	001	008	008	1	1	0.65
Commercial	Health	Drying	Natural_Gas	Standard	001	008	008	1	2	0.35
Commercial	Health	Drying	Electric	Stock	001	008	008	2	1	0.65

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	baseMargEShareNew
Commercial	Health	Drying	Electric	Standard	001	008	008	2	2	0.35
Commercial	Health	AC_Compressor	Natural_Gas	Stock	001	008	010	1	1	0.65
Commercial	Health	AC_Compressor	Natural_Gas	Standard	001	008	010	1	2	0.35
Commercial	Health	AC_Compressor	Electric	Stock	001	008	010	2	1	0.65
Commercial	Health	AC_Compressor	Electric	Standard	001	008	010	2	2	0.35
Commercial	Health	Other	Natural_Gas	Stock	001	008	011	1	1	1
Commercial	Lodging	Space_Heat	Natural_Gas	Stock	001	009	001	1	1	0.65
Commercial	Lodging	Space_Heat	Natural_Gas	Standard	001	009	001	1	2	0.3
Commercial	Lodging	Space_Heat	Natural_Gas	High	001	009	001	1	3	0.04
Commercial	Lodging	Space_Heat	Natural_Gas	Premium	001	009	001	1	4	0.01
Commercial	Lodging	Space_Heat	Electric	Stock	001	009	001	2	1	1
Commercial	Lodging	Water_Heat	Natural_Gas	Stock	001	009	002	1	1	0.4
Commercial	Lodging	Water_Heat	Natural_Gas	Standard	001	009	002	1	2	0.5
Commercial	Lodging	Water_Heat	Natural_Gas	High	001	009	002	1	3	0.08
Commercial	Lodging	Water_Heat	Natural_Gas	Premium	001	009	002	1	4	0.02
Commercial	Lodging	Water_Heat	Electric	Stock	001	009	002	2	1	0.4
Commercial	Lodging	Water_Heat	Electric	Standard	001	009	002	2	2	0.5
Commercial	Lodging	Water_Heat	Electric	High	001	009	002	2	3	0.08
Commercial	Lodging	Water_Heat	Electric	Premium	001	009	002	2	4	0.02
Commercial	Lodging	Cook_top	Natural_Gas	Stock	001	009	004	1	1	0.65
Commercial	Lodging	Cook_top	Natural_Gas	Standard	001	009	004	1	2	0.35
Commercial	Lodging	Cook_top	Electric	Stock	001	009	004	2	1	0.65
Commercial	Lodging	Cook_top	Electric	Standard	001	009	004	2	2	0.35
Commercial	Lodging	Fryer	Natural_Gas	Stock	001	009	005	1	1	0.65
Commercial	Lodging	Fryer	Natural_Gas	Standard	001	009	005	1	2	0.35
Commercial	Lodging	Fryer	Electric	Stock	001	009	005	2	1	0.65
Commercial	Lodging	Fryer	Electric	Standard	001	009	005	2	2	0.35
Commercial	Lodging	Griddle	Natural_Gas	Stock	001	009	006	1	1	0.65
Commercial	Lodging	Griddle	Natural_Gas	Standard	001	009	006	1	2	0.35
Commercial	Lodging	Griddle	Electric	Stock	001	009	006	2	1	0.65

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	baseMargEShareNew
Commercial Lodging	Griddle	Electric	Standard	001	009	006	2	2	0.35	
Commercial Lodging	Other_Cooking	Natural_Gas	Stock	001	009	007	1	1	0.65	
Commercial Lodging	Other_Cooking	Natural_Gas	Standard	001	009	007	1	2	0.35	
Commercial Lodging	Other_Cooking	Electric	Stock	001	009	007	2	1	0.65	
Commercial Lodging	Other_Cooking	Electric	Standard	001	009	007	2	2	0.35	
Commercial Lodging	Drying	Natural_Gas	Stock	001	009	008	1	1	0.65	
Commercial Lodging	Drying	Natural_Gas	Standard	001	009	008	1	2	0.35	
Commercial Lodging	Drying	Electric	Stock	001	009	008	2	1	0.65	
Commercial Lodging	Drying	Electric	Standard	001	009	008	2	2	0.35	
Commercial Lodging	AC_Compressor	Natural_Gas	Stock	001	009	010	1	1	0.65	
Commercial Lodging	AC_Compressor	Natural_Gas	Standard	001	009	010	1	2	0.35	
Commercial Lodging	AC_Compressor	Electric	Stock	001	009	010	2	1	0.65	
Commercial Lodging	AC_Compressor	Electric	Standard	001	009	010	2	2	0.35	
Commercial Lodging	Other	Natural_Gas	Stock	001	009	011	1	1	1	
Commercial Misc	Space_Heat	Natural_Gas	Stock	001	010	001	1	1	0.65	
Commercial Misc	Space_Heat	Natural_Gas	Standard	001	010	001	1	2	0.3	
Commercial Misc	Space_Heat	Natural_Gas	High	001	010	001	1	3	0.04	
Commercial Misc	Space_Heat	Natural_Gas	Premium	001	010	001	1	4	0.01	
Commercial Misc	Space_Heat	Electric	Stock	001	010	001	2	1	1	
Commercial Misc	Water_Heat	Natural_Gas	Stock	001	010	002	1	1	0.4	
Commercial Misc	Water_Heat	Natural_Gas	Standard	001	010	002	1	2	0.5	
Commercial Misc	Water_Heat	Natural_Gas	High	001	010	002	1	3	0.08	
Commercial Misc	Water_Heat	Natural_Gas	Premium	001	010	002	1	4	0.02	
Commercial Misc	Water_Heat	Electric	Stock	001	010	002	2	1	0.4	
Commercial Misc	Water_Heat	Electric	Standard	001	010	002	2	2	0.5	
Commercial Misc	Water_Heat	Electric	High	001	010	002	2	3	0.08	
Commercial Misc	Water_Heat	Electric	Premium	001	010	002	2	4	0.02	
Commercial Misc	Cook_top	Natural_Gas	Stock	001	010	004	1	1	0.65	
Commercial Misc	Cook_top	Natural_Gas	Standard	001	010	004	1	2	0.35	
Commercial Misc	Cook_top	Electric	Stock	001	010	004	2	1	0.65	

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	baseMargEShareNew
Commercial	Misc	Cook_top	Electric	Standard	001	010	004	2	2	0.35
Commercial	Misc	Fryer	Natural_Gas	Stock	001	010	005	1	1	0.65
Commercial	Misc	Fryer	Natural_Gas	Standard	001	010	005	1	2	0.35
Commercial	Misc	Fryer	Electric	Stock	001	010	005	2	1	0.65
Commercial	Misc	Fryer	Electric	Standard	001	010	005	2	2	0.35
Commercial	Misc	Griddle	Natural_Gas	Stock	001	010	006	1	1	0.65
Commercial	Misc	Griddle	Natural_Gas	Standard	001	010	006	1	2	0.35
Commercial	Misc	Griddle	Electric	Stock	001	010	006	2	1	0.65
Commercial	Misc	Griddle	Electric	Standard	001	010	006	2	2	0.35
Commercial	Misc	Other_Cooking	Natural_Gas	Stock	001	010	007	1	1	0.65
Commercial	Misc	Other_Cooking	Natural_Gas	Standard	001	010	007	1	2	0.35
Commercial	Misc	Other_Cooking	Electric	Stock	001	010	007	2	1	0.65
Commercial	Misc	Other_Cooking	Electric	Standard	001	010	007	2	2	0.35
Commercial	Misc	AC_Compressor	Natural_Gas	Stock	001	010	010	1	1	0.65
Commercial	Misc	AC_Compressor	Natural_Gas	Standard	001	010	010	1	2	0.35
Commercial	Misc	AC_Compressor	Electric	Stock	001	010	010	2	1	0.65
Commercial	Misc	AC_Compressor	Electric	Standard	001	010	010	2	2	0.35
Commercial	Misc	Other	Natural_Gas	Stock	001	010	011	1	1	1
Commercial	Government	Space_Heat	Natural_Gas	Stock	001	011	001	1	1	0.65
Commercial	Government	Space_Heat	Natural_Gas	Standard	001	011	001	1	2	0.3
Commercial	Government	Space_Heat	Natural_Gas	High	001	011	001	1	3	0.04
Commercial	Government	Space_Heat	Natural_Gas	Premium	001	011	001	1	4	0.01
Commercial	Government	Space_Heat	Electric	Stock	001	011	001	2	1	1
Commercial	Government	Water_Heat	Natural_Gas	Stock	001	011	002	1	1	0.4
Commercial	Government	Water_Heat	Natural_Gas	Standard	001	011	002	1	2	0.5
Commercial	Government	Water_Heat	Natural_Gas	High	001	011	002	1	3	0.08
Commercial	Government	Water_Heat	Natural_Gas	Premium	001	011	002	1	4	0.02
Commercial	Government	Water_Heat	Electric	Stock	001	011	002	2	1	0.4
Commercial	Government	Water_Heat	Electric	Standard	001	011	002	2	2	0.5
Commercial	Government	Water_Heat	Electric	High	001	011	002	2	3	0.08

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	baseMargEShareNew
Commercial Governme	Water_Heat	Electric	Premium	001	011	002	2	4	0.02	
Commercial Governme	Cook_top	Natural_Gas	Stock	001	011	004	1	1	0.65	
Commercial Governme	Cook_top	Natural_Gas	Standard	001	011	004	1	2	0.35	
Commercial Governme	Cook_top	Electric	Stock	001	011	004	2	1	0.65	
Commercial Governme	Cook_top	Electric	Standard	001	011	004	2	2	0.35	
Commercial Governme	Fryer	Natural_Gas	Stock	001	011	005	1	1	0.65	
Commercial Governme	Fryer	Natural_Gas	Standard	001	011	005	1	2	0.35	
Commercial Governme	Fryer	Electric	Stock	001	011	005	2	1	0.65	
Commercial Governme	Fryer	Electric	Standard	001	011	005	2	2	0.35	
Commercial Governme	Griddle	Natural_Gas	Stock	001	011	006	1	1	0.65	
Commercial Governme	Griddle	Natural_Gas	Standard	001	011	006	1	2	0.35	
Commercial Governme	Griddle	Electric	Stock	001	011	006	2	1	0.65	
Commercial Governme	Griddle	Electric	Standard	001	011	006	2	2	0.35	
Commercial Governme	Other_Cooking	Natural_Gas	Stock	001	011	007	1	1	0.65	
Commercial Governme	Other_Cooking	Natural_Gas	Standard	001	011	007	1	2	0.35	
Commercial Governme	Other_Cooking	Electric	Stock	001	011	007	2	1	0.65	
Commercial Governme	Other_Cooking	Electric	Standard	001	011	007	2	2	0.35	
Commercial Governme	AC_Compressor	Natural_Gas	Stock	001	011	010	1	1	0.65	
Commercial Governme	AC_Compressor	Natural_Gas	Standard	001	011	010	1	2	0.35	
Commercial Governme	AC_Compressor	Electric	Stock	001	011	010	2	1	0.65	
Commercial Governme	AC_Compressor	Electric	Standard	001	011	010	2	2	0.35	
Commercial Governme	Other	Natural_Gas	Stock	001	011	011	1	1	1	
Commercial TCU	Space_Heat	Natural_Gas	Stock	001	012	001	1	1	0.65	
Commercial TCU	Space_Heat	Natural_Gas	Standard	001	012	001	1	2	0.3	
Commercial TCU	Space_Heat	Natural_Gas	High	001	012	001	1	3	0.04	
Commercial TCU	Space_Heat	Natural_Gas	Premium	001	012	001	1	4	0.01	
Commercial TCU	Space_Heat	Electric	Stock	001	012	001	2	1	1	
Commercial TCU	Water_Heat	Natural_Gas	Stock	001	012	002	1	1	0.4	
Commercial TCU	Water_Heat	Natural_Gas	Standard	001	012	002	1	2	0.5	
Commercial TCU	Water_Heat	Natural_Gas	High	001	012	002	1	3	0.08	

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	baseMargEShareNew
Commercial	TCU	Water_Heat	Natural_Gas	Premium	001	012	002	1	4	0.02
Commercial	TCU	Water_Heat	Electric	Stock	001	012	002	2	1	0.4
Commercial	TCU	Water_Heat	Electric	Standard	001	012	002	2	2	0.5
Commercial	TCU	Water_Heat	Electric	High	001	012	002	2	3	0.08
Commercial	TCU	Water_Heat	Electric	Premium	001	012	002	2	4	0.02
Commercial	TCU	Engine	Natural_Gas	Stock	001	012	009	1	1	0.65
Commercial	TCU	Engine	Natural_Gas	Standard	001	012	009	1	2	0.35
Commercial	TCU	Engine	Electric	Stock	001	012	009	2	1	0.65
Commercial	TCU	Engine	Electric	Standard	001	012	009	2	2	0.35
Commercial	TCU	Other	Natural_Gas	Stock	001	012	011	1	1	1
Commercial	Constructic	Space_Heat	Natural_Gas	Stock	001	013	001	1	1	0.65
Commercial	Constructic	Space_Heat	Natural_Gas	Standard	001	013	001	1	2	0.3
Commercial	Constructic	Space_Heat	Natural_Gas	High	001	013	001	1	3	0.04
Commercial	Constructic	Space_Heat	Natural_Gas	Premium	001	013	001	1	4	0.01
Commercial	Constructic	Space_Heat	Electric	Stock	001	013	001	2	1	1
Commercial	Constructic	Water_Heat	Natural_Gas	Stock	001	013	002	1	1	0.4
Commercial	Constructic	Water_Heat	Natural_Gas	Standard	001	013	002	1	2	0.5
Commercial	Constructic	Water_Heat	Natural_Gas	High	001	013	002	1	3	0.08
Commercial	Constructic	Water_Heat	Natural_Gas	Premium	001	013	002	1	4	0.02
Commercial	Constructic	Water_Heat	Electric	Stock	001	013	002	2	1	0.4
Commercial	Constructic	Water_Heat	Electric	Standard	001	013	002	2	2	0.5
Commercial	Constructic	Water_Heat	Electric	High	001	013	002	2	3	0.08
Commercial	Constructic	Water_Heat	Electric	Premium	001	013	002	2	4	0.02
Commercial	Constructic	Other	Natural_Gas	Stock	001	013	011	1	1	1
Commercial	Agriculture	Space_Heat	Natural_Gas	Stock	001	014	001	1	1	0.65
Commercial	Agriculture	Space_Heat	Natural_Gas	Standard	001	014	001	1	2	0.3
Commercial	Agriculture	Space_Heat	Natural_Gas	High	001	014	001	1	3	0.04
Commercial	Agriculture	Space_Heat	Natural_Gas	Premium	001	014	001	1	4	0.01
Commercial	Agriculture	Space_Heat	Electric	Stock	001	014	001	2	1	1
Commercial	Agriculture	Water_Heat	Natural_Gas	Stock	001	014	002	1	1	0.4

**SAN DIEGO GAS & ELECTRIC
E-SHARES FOR CORE COMMERCIAL SECTOR**

zName	bName	nName	fName	eName	z	b	n	f	e	baseMargEShareNew
Commercial	Agriculture	Water_Heat	Natural_Gas	Standard	001	014	002	1	2	0.5
Commercial	Agriculture	Water_Heat	Natural_Gas	High	001	014	002	1	3	0.08
Commercial	Agriculture	Water_Heat	Natural_Gas	Premium	001	014	002	1	4	0.02
Commercial	Agriculture	Water_Heat	Electric	Stock	001	014	002	2	1	0.4
Commercial	Agriculture	Water_Heat	Electric	Standard	001	014	002	2	2	0.5
Commercial	Agriculture	Water_Heat	Electric	High	001	014	002	2	3	0.08
Commercial	Agriculture	Water_Heat	Electric	Premium	001	014	002	2	4	0.02
Commercial	Agriculture	Drying	Natural_Gas	Stock	001	014	008	1	1	0.65
Commercial	Agriculture	Drying	Natural_Gas	Standard	001	014	008	1	2	0.35
Commercial	Agriculture	Drying	Electric	Stock	001	014	008	2	1	0.65
Commercial	Agriculture	Drying	Electric	Standard	001	014	008	2	2	0.35
Commercial	Agriculture	Engine	Natural_Gas	Stock	001	014	009	1	1	0.65
Commercial	Agriculture	Engine	Natural_Gas	Standard	001	014	009	1	2	0.35
Commercial	Agriculture	Engine	Electric	Stock	001	014	009	2	1	0.65
Commercial	Agriculture	Engine	Electric	Standard	001	014	009	2	2	0.35
Commercial	Agriculture	Other	Natural_Gas	Stock	001	014	011	1	1	1

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	peakDayLoadFactor
Commercial Office	Space_Heat	Natural_Gas	Stock	001	001	001	1	1	1	0.002739726
Commercial Office	Space_Heat	Natural_Gas	Standard	001	001	001	1	2	2	0.002739726
Commercial Office	Space_Heat	Natural_Gas	High	001	001	001	1	3	3	0.002739726
Commercial Office	Space_Heat	Natural_Gas	Premium	001	001	001	1	4	4	0.002739726
Commercial Office	Space_Heat	Electric	Stock	001	001	001	2	1	1	0.002739726
Commercial Office	Water_Heat	Natural_Gas	Stock	001	001	002	1	1	1	0.002739726
Commercial Office	Water_Heat	Natural_Gas	Standard	001	001	002	1	2	2	0.002739726
Commercial Office	Water_Heat	Natural_Gas	High	001	001	002	1	3	3	0.002739726
Commercial Office	Water_Heat	Natural_Gas	Premium	001	001	002	1	4	4	0.002739726
Commercial Office	Water_Heat	Electric	Stock	001	001	002	2	1	1	0.002739726
Commercial Office	Water_Heat	Electric	Standard	001	001	002	2	2	2	0.002739726
Commercial Office	Water_Heat	Electric	High	001	001	002	2	3	3	0.002739726
Commercial Office	Water_Heat	Electric	Premium	001	001	002	2	4	4	0.002739726
Commercial Office	Cooking	Natural_Gas	Stock	001	001	003	1	1	1	0.002739726
Commercial Office	Cooking	Natural_Gas	Standard	001	001	003	1	2	2	0.002739726
Commercial Office	Cooking	Electric	Stock	001	001	003	2	1	1	0.002739726
Commercial Office	Cooking	Electric	Standard	001	001	003	2	2	2	0.002739726
Commercial Office	AC_Compressor	Natural_Gas	Stock	001	001	010	1	1	1	0.002739726
Commercial Office	AC_Compressor	Natural_Gas	Standard	001	001	010	1	2	2	0.002739726
Commercial Office	AC_Compressor	Electric	Stock	001	001	010	2	1	1	0.002739726
Commercial Office	AC_Compressor	Electric	Standard	001	001	010	2	2	2	0.002739726
Commercial Office	Other	Natural_Gas	Stock	001	001	011	1	1	1	0.002739726
Commercial Restaurant	Space_Heat	Natural_Gas	Stock	001	002	001	1	1	1	0.002739726
Commercial Restaurant	Space_Heat	Natural_Gas	Standard	001	002	001	1	2	2	0.002739726
Commercial Restaurant	Space_Heat	Natural_Gas	High	001	002	001	1	3	3	0.002739726
Commercial Restaurant	Space_Heat	Natural_Gas	Premium	001	002	001	1	4	4	0.002739726
Commercial Restaurant	Space_Heat	Electric	Stock	001	002	001	2	1	1	0.002739726
Commercial Restaurant	Water_Heat	Natural_Gas	Stock	001	002	002	1	1	1	0.002739726
Commercial Restaurant	Water_Heat	Natural_Gas	Standard	001	002	002	1	2	2	0.002739726
Commercial Restaurant	Water_Heat	Natural_Gas	High	001	002	002	1	3	3	0.002739726

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	peakDayLoadFactor
Commercial	Restaurant	Water_Heat	Natural_Gas	Premium	001	002	002	1	4	0.002739726
Commercial	Restaurant	Water_Heat	Electric	Stock	001	002	002	2	1	0.002739726
Commercial	Restaurant	Water_Heat	Electric	Standard	001	002	002	2	2	0.002739726
Commercial	Restaurant	Water_Heat	Electric	High	001	002	002	2	3	0.002739726
Commercial	Restaurant	Water_Heat	Electric	Premium	001	002	002	2	4	0.002739726
Commercial	Restaurant	Cook_top	Natural_Gas	Stock	001	002	004	1	1	0.002739726
Commercial	Restaurant	Cook_top	Natural_Gas	Standard	001	002	004	1	2	0.002739726
Commercial	Restaurant	Cook_top	Electric	Stock	001	002	004	2	1	0.002739726
Commercial	Restaurant	Cook_top	Electric	Standard	001	002	004	2	2	0.002739726
Commercial	Restaurant	Fryer	Natural_Gas	Stock	001	002	005	1	1	0.002739726
Commercial	Restaurant	Fryer	Natural_Gas	Standard	001	002	005	1	2	0.002739726
Commercial	Restaurant	Fryer	Electric	Stock	001	002	005	2	1	0.002739726
Commercial	Restaurant	Fryer	Electric	Standard	001	002	005	2	2	0.002739726
Commercial	Restaurant	Griddle	Natural_Gas	Stock	001	002	006	1	1	0.002739726
Commercial	Restaurant	Griddle	Natural_Gas	Standard	001	002	006	1	2	0.002739726
Commercial	Restaurant	Griddle	Electric	Stock	001	002	006	2	1	0.002739726
Commercial	Restaurant	Griddle	Electric	Standard	001	002	006	2	2	0.002739726
Commercial	Restaurant	Other_Cooking	Natural_Gas	Stock	001	002	007	1	1	0.002739726
Commercial	Restaurant	Other_Cooking	Natural_Gas	Standard	001	002	007	1	2	0.002739726
Commercial	Restaurant	Other_Cooking	Electric	Stock	001	002	007	2	1	0.002739726
Commercial	Restaurant	Other_Cooking	Electric	Standard	001	002	007	2	2	0.002739726
Commercial	Restaurant	AC_Compressor	Natural_Gas	Stock	001	002	010	1	1	0.002739726
Commercial	Restaurant	AC_Compressor	Natural_Gas	Standard	001	002	010	1	2	0.002739726
Commercial	Restaurant	AC_Compressor	Electric	Stock	001	002	010	2	1	0.002739726
Commercial	Restaurant	AC_Compressor	Electric	Standard	001	002	010	2	2	0.002739726
Commercial	Restaurant	Other	Natural_Gas	Stock	001	002	011	1	1	0.002739726
Commercial	Retail	Space_Heat	Natural_Gas	Stock	001	003	001	1	1	0.002739726
Commercial	Retail	Space_Heat	Natural_Gas	Standard	001	003	001	1	2	0.002739726
Commercial	Retail	Space_Heat	Natural_Gas	High	001	003	001	1	3	0.002739726
Commercial	Retail	Space_Heat	Natural_Gas	Premium	001	003	001	1	4	0.002739726

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	peakDayLoadFactor
Commercial Retail	Space_Heat	Electric	Stock	001	003	001	2	1		0.002739726
Commercial Retail	Water_Heat	Natural_Gas	Stock	001	003	002	1	1		0.002739726
Commercial Retail	Water_Heat	Natural_Gas	Standard	001	003	002	1	2		0.002739726
Commercial Retail	Water_Heat	Natural_Gas	High	001	003	002	1	3		0.002739726
Commercial Retail	Water_Heat	Natural_Gas	Premium	001	003	002	1	4		0.002739726
Commercial Retail	Water_Heat	Electric	Stock	001	003	002	2	1		0.002739726
Commercial Retail	Water_Heat	Electric	Standard	001	003	002	2	2		0.002739726
Commercial Retail	Water_Heat	Electric	High	001	003	002	2	3		0.002739726
Commercial Retail	Water_Heat	Electric	Premium	001	003	002	2	4		0.002739726
Commercial Retail	Cooking	Natural_Gas	Stock	001	003	003	1	1		0.002739726
Commercial Retail	Cooking	Natural_Gas	Standard	001	003	003	1	2		0.002739726
Commercial Retail	Cooking	Electric	Stock	001	003	003	2	1		0.002739726
Commercial Retail	Cooking	Electric	Standard	001	003	003	2	2		0.002739726
Commercial Retail	Other	Natural_Gas	Stock	001	003	011	1	1		0.002739726
Commercial Laundry	Space_Heat	Natural_Gas	Stock	001	004	001	1	1		0.002739726
Commercial Laundry	Space_Heat	Natural_Gas	Standard	001	004	001	1	2		0.002739726
Commercial Laundry	Space_Heat	Natural_Gas	High	001	004	001	1	3		0.002739726
Commercial Laundry	Space_Heat	Natural_Gas	Premium	001	004	001	1	4		0.002739726
Commercial Laundry	Space_Heat	Electric	Stock	001	004	001	2	1		0.002739726
Commercial Laundry	Water_Heat	Natural_Gas	Stock	001	004	002	1	1		0.002739726
Commercial Laundry	Water_Heat	Natural_Gas	Standard	001	004	002	1	2		0.002739726
Commercial Laundry	Water_Heat	Natural_Gas	High	001	004	002	1	3		0.002739726
Commercial Laundry	Water_Heat	Natural_Gas	Premium	001	004	002	1	4		0.002739726
Commercial Laundry	Water_Heat	Electric	Stock	001	004	002	2	1		0.002739726
Commercial Laundry	Water_Heat	Electric	Standard	001	004	002	2	2		0.002739726
Commercial Laundry	Water_Heat	Electric	High	001	004	002	2	3		0.002739726
Commercial Laundry	Water_Heat	Electric	Premium	001	004	002	2	4		0.002739726
Commercial Laundry	Drying	Natural_Gas	Stock	001	004	008	1	1		0.002739726
Commercial Laundry	Drying	Natural_Gas	Standard	001	004	008	1	2		0.002739726
Commercial Laundry	Drying	Electric	Stock	001	004	008	2	1		0.002739726

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	peakDayLoadFactor
Commercial Laundry	Drying	Electric	Standard	001	004	008	2	2	0.002739726	
Commercial Laundry	Other	Natural_Gas	Stock	001	004	011	1	1	0.002739726	
Commercial Warehouse	Space_Heat	Natural_Gas	Stock	001	005	001	1	1	0.002739726	
Commercial Warehouse	Space_Heat	Natural_Gas	Standard	001	005	001	1	2	0.002739726	
Commercial Warehouse	Space_Heat	Natural_Gas	High	001	005	001	1	3	0.002739726	
Commercial Warehouse	Space_Heat	Natural_Gas	Premium	001	005	001	1	4	0.002739726	
Commercial Warehouse	Space_Heat	Electric	Stock	001	005	001	2	1	0.002739726	
Commercial Warehouse	Water_Heat	Natural_Gas	Stock	001	005	002	1	1	0.002739726	
Commercial Warehouse	Water_Heat	Natural_Gas	Standard	001	005	002	1	2	0.002739726	
Commercial Warehouse	Water_Heat	Natural_Gas	High	001	005	002	1	3	0.002739726	
Commercial Warehouse	Water_Heat	Natural_Gas	Premium	001	005	002	1	4	0.002739726	
Commercial Warehouse	Water_Heat	Electric	Stock	001	005	002	2	1	0.002739726	
Commercial Warehouse	Water_Heat	Electric	Standard	001	005	002	2	2	0.002739726	
Commercial Warehouse	Water_Heat	Electric	High	001	005	002	2	3	0.002739726	
Commercial Warehouse	Water_Heat	Electric	Premium	001	005	002	2	4	0.002739726	
Commercial Warehouse	Engine	Natural_Gas	Stock	001	005	009	1	1	0.002739726	
Commercial Warehouse	Engine	Natural_Gas	Standard	001	005	009	1	2	0.002739726	
Commercial Warehouse	Engine	Electric	Stock	001	005	009	2	1	0.002739726	
Commercial Warehouse	Engine	Electric	Standard	001	005	009	2	2	0.002739726	
Commercial Warehouse	Other	Natural_Gas	Stock	001	005	011	1	1	0.002739726	
Commercial School	Space_Heat	Natural_Gas	Stock	001	006	001	1	1	0.002739726	
Commercial School	Space_Heat	Natural_Gas	Standard	001	006	001	1	2	0.002739726	
Commercial School	Space_Heat	Natural_Gas	High	001	006	001	1	3	0.002739726	
Commercial School	Space_Heat	Natural_Gas	Premium	001	006	001	1	4	0.002739726	
Commercial School	Space_Heat	Electric	Stock	001	006	001	2	1	0.002739726	
Commercial School	Water_Heat	Natural_Gas	Stock	001	006	002	1	1	0.002739726	
Commercial School	Water_Heat	Natural_Gas	Standard	001	006	002	1	2	0.002739726	
Commercial School	Water_Heat	Natural_Gas	High	001	006	002	1	3	0.002739726	
Commercial School	Water_Heat	Natural_Gas	Premium	001	006	002	1	4	0.002739726	
Commercial School	Water_Heat	Electric	Stock	001	006	002	2	1	0.002739726	

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	peakDayLoadFactor
Commercial School	Water_Heat	Electric	Standard	001	006	002	2	2	0.002739726	
Commercial School	Water_Heat	Electric	High	001	006	002	2	3	0.002739726	
Commercial School	Water_Heat	Electric	Premium	001	006	002	2	4	0.002739726	
Commercial School	Cook_top	Natural_Gas	Stock	001	006	004	1	1	0.002739726	
Commercial School	Cook_top	Natural_Gas	Standard	001	006	004	1	2	0.002739726	
Commercial School	Cook_top	Electric	Stock	001	006	004	2	1	0.002739726	
Commercial School	Cook_top	Electric	Standard	001	006	004	2	2	0.002739726	
Commercial School	Fryer	Natural_Gas	Stock	001	006	005	1	1	0.002739726	
Commercial School	Fryer	Natural_Gas	Standard	001	006	005	1	2	0.002739726	
Commercial School	Fryer	Electric	Stock	001	006	005	2	1	0.002739726	
Commercial School	Fryer	Electric	Standard	001	006	005	2	2	0.002739726	
Commercial School	Griddle	Natural_Gas	Stock	001	006	006	1	1	0.002739726	
Commercial School	Griddle	Natural_Gas	Standard	001	006	006	1	2	0.002739726	
Commercial School	Griddle	Electric	Stock	001	006	006	2	1	0.002739726	
Commercial School	Griddle	Electric	Standard	001	006	006	2	2	0.002739726	
Commercial School	Other_Cooking	Natural_Gas	Stock	001	006	007	1	1	0.002739726	
Commercial School	Other_Cooking	Natural_Gas	Standard	001	006	007	1	2	0.002739726	
Commercial School	Other_Cooking	Electric	Stock	001	006	007	2	1	0.002739726	
Commercial School	Other_Cooking	Electric	Standard	001	006	007	2	2	0.002739726	
Commercial School	AC_Compressor	Natural_Gas	Stock	001	006	010	1	1	0.002739726	
Commercial School	AC_Compressor	Natural_Gas	Standard	001	006	010	1	2	0.002739726	
Commercial School	AC_Compressor	Electric	Stock	001	006	010	2	1	0.002739726	
Commercial School	AC_Compressor	Electric	Standard	001	006	010	2	2	0.002739726	
Commercial School	Other	Natural_Gas	Stock	001	006	011	1	1	0.002739726	
Commercial College	Space_Heat	Natural_Gas	Stock	001	007	001	1	1	0.002739726	
Commercial College	Space_Heat	Natural_Gas	Standard	001	007	001	1	2	0.002739726	
Commercial College	Space_Heat	Natural_Gas	High	001	007	001	1	3	0.002739726	
Commercial College	Space_Heat	Natural_Gas	Premium	001	007	001	1	4	0.002739726	
Commercial College	Space_Heat	Electric	Stock	001	007	001	2	1	0.002739726	
Commercial College	Water_Heat	Natural_Gas	Stock	001	007	002	1	1	0.002739726	

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	peakDayLoadFactor
Commercial	College	Water_Heat	Natural_Gas	Standard	001	007	002	1	2	0.002739726
Commercial	College	Water_Heat	Natural_Gas	High	001	007	002	1	3	0.002739726
Commercial	College	Water_Heat	Natural_Gas	Premium	001	007	002	1	4	0.002739726
Commercial	College	Water_Heat	Electric	Stock	001	007	002	2	1	0.002739726
Commercial	College	Water_Heat	Electric	Standard	001	007	002	2	2	0.002739726
Commercial	College	Water_Heat	Electric	High	001	007	002	2	3	0.002739726
Commercial	College	Water_Heat	Electric	Premium	001	007	002	2	4	0.002739726
Commercial	College	Cook_top	Natural_Gas	Stock	001	007	004	1	1	0.002739726
Commercial	College	Cook_top	Natural_Gas	Standard	001	007	004	1	2	0.002739726
Commercial	College	Cook_top	Electric	Stock	001	007	004	2	1	0.002739726
Commercial	College	Cook_top	Electric	Standard	001	007	004	2	2	0.002739726
Commercial	College	Fryer	Natural_Gas	Stock	001	007	005	1	1	0.002739726
Commercial	College	Fryer	Natural_Gas	Standard	001	007	005	1	2	0.002739726
Commercial	College	Fryer	Electric	Stock	001	007	005	2	1	0.002739726
Commercial	College	Fryer	Electric	Standard	001	007	005	2	2	0.002739726
Commercial	College	Griddle	Natural_Gas	Stock	001	007	006	1	1	0.002739726
Commercial	College	Griddle	Natural_Gas	Standard	001	007	006	1	2	0.002739726
Commercial	College	Griddle	Electric	Stock	001	007	006	2	1	0.002739726
Commercial	College	Griddle	Electric	Standard	001	007	006	2	2	0.002739726
Commercial	College	Other_Cooking	Natural_Gas	Stock	001	007	007	1	1	0.002739726
Commercial	College	Other_Cooking	Natural_Gas	Standard	001	007	007	1	2	0.002739726
Commercial	College	Other_Cooking	Electric	Stock	001	007	007	2	1	0.002739726
Commercial	College	Other_Cooking	Electric	Standard	001	007	007	2	2	0.002739726
Commercial	College	AC_Compressor	Natural_Gas	Stock	001	007	010	1	1	0.002739726
Commercial	College	AC_Compressor	Natural_Gas	Standard	001	007	010	1	2	0.002739726
Commercial	College	AC_Compressor	Electric	Stock	001	007	010	2	1	0.002739726
Commercial	College	AC_Compressor	Electric	Standard	001	007	010	2	2	0.002739726
Commercial	College	Other	Natural_Gas	Stock	001	007	011	1	1	0.002739726
Commercial	Health	Space_Heat	Natural_Gas	Stock	001	008	001	1	1	0.002739726
Commercial	Health	Space_Heat	Natural_Gas	Standard	001	008	001	1	2	0.002739726

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	peakDayLoadFactor
Commercial	Health	Space_Heat	Natural_Gas	High	001	008	001	1	3	0.002739726
Commercial	Health	Space_Heat	Natural_Gas	Premium	001	008	001	1	4	0.002739726
Commercial	Health	Space_Heat	Electric	Stock	001	008	001	2	1	0.002739726
Commercial	Health	Water_Heat	Natural_Gas	Stock	001	008	002	1	1	0.002739726
Commercial	Health	Water_Heat	Natural_Gas	Standard	001	008	002	1	2	0.002739726
Commercial	Health	Water_Heat	Natural_Gas	High	001	008	002	1	3	0.002739726
Commercial	Health	Water_Heat	Natural_Gas	Premium	001	008	002	1	4	0.002739726
Commercial	Health	Water_Heat	Electric	Stock	001	008	002	2	1	0.002739726
Commercial	Health	Water_Heat	Electric	Standard	001	008	002	2	2	0.002739726
Commercial	Health	Water_Heat	Electric	High	001	008	002	2	3	0.002739726
Commercial	Health	Water_Heat	Electric	Premium	001	008	002	2	4	0.002739726
Commercial	Health	Cook_top	Natural_Gas	Stock	001	008	004	1	1	0.002739726
Commercial	Health	Cook_top	Natural_Gas	Standard	001	008	004	1	2	0.002739726
Commercial	Health	Cook_top	Electric	Stock	001	008	004	2	1	0.002739726
Commercial	Health	Cook_top	Electric	Standard	001	008	004	2	2	0.002739726
Commercial	Health	Fryer	Natural_Gas	Stock	001	008	005	1	1	0.002739726
Commercial	Health	Fryer	Natural_Gas	Standard	001	008	005	1	2	0.002739726
Commercial	Health	Fryer	Electric	Stock	001	008	005	2	1	0.002739726
Commercial	Health	Fryer	Electric	Standard	001	008	005	2	2	0.002739726
Commercial	Health	Griddle	Natural_Gas	Stock	001	008	006	1	1	0.002739726
Commercial	Health	Griddle	Natural_Gas	Standard	001	008	006	1	2	0.002739726
Commercial	Health	Griddle	Electric	Stock	001	008	006	2	1	0.002739726
Commercial	Health	Griddle	Electric	Standard	001	008	006	2	2	0.002739726
Commercial	Health	Other_Cooking	Natural_Gas	Stock	001	008	007	1	1	0.002739726
Commercial	Health	Other_Cooking	Natural_Gas	Standard	001	008	007	1	2	0.002739726
Commercial	Health	Other_Cooking	Electric	Stock	001	008	007	2	1	0.002739726
Commercial	Health	Other_Cooking	Electric	Standard	001	008	007	2	2	0.002739726
Commercial	Health	Drying	Natural_Gas	Stock	001	008	008	1	1	0.002739726
Commercial	Health	Drying	Natural_Gas	Standard	001	008	008	1	2	0.002739726
Commercial	Health	Drying	Electric	Stock	001	008	008	2	1	0.002739726

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	peakDayLoadFactor
Commercial	Health	Drying	Electric	Standard	001	008	008	2	2	0.002739726
Commercial	Health	AC_Compressor	Natural_Gas	Stock	001	008	010	1	1	0.002739726
Commercial	Health	AC_Compressor	Natural_Gas	Standard	001	008	010	1	2	0.002739726
Commercial	Health	AC_Compressor	Electric	Stock	001	008	010	2	1	0.002739726
Commercial	Health	AC_Compressor	Electric	Standard	001	008	010	2	2	0.002739726
Commercial	Health	Other	Natural_Gas	Stock	001	008	011	1	1	0.002739726
Commercial	Lodging	Space_Heat	Natural_Gas	Stock	001	009	001	1	1	0.002739726
Commercial	Lodging	Space_Heat	Natural_Gas	Standard	001	009	001	1	2	0.002739726
Commercial	Lodging	Space_Heat	Natural_Gas	High	001	009	001	1	3	0.002739726
Commercial	Lodging	Space_Heat	Natural_Gas	Premium	001	009	001	1	4	0.002739726
Commercial	Lodging	Space_Heat	Electric	Stock	001	009	001	2	1	0.002739726
Commercial	Lodging	Water_Heat	Natural_Gas	Stock	001	009	002	1	1	0.002739726
Commercial	Lodging	Water_Heat	Natural_Gas	Standard	001	009	002	1	2	0.002739726
Commercial	Lodging	Water_Heat	Natural_Gas	High	001	009	002	1	3	0.002739726
Commercial	Lodging	Water_Heat	Natural_Gas	Premium	001	009	002	1	4	0.002739726
Commercial	Lodging	Water_Heat	Electric	Stock	001	009	002	2	1	0.002739726
Commercial	Lodging	Water_Heat	Electric	Standard	001	009	002	2	2	0.002739726
Commercial	Lodging	Water_Heat	Electric	High	001	009	002	2	3	0.002739726
Commercial	Lodging	Water_Heat	Electric	Premium	001	009	002	2	4	0.002739726
Commercial	Lodging	Cook_top	Natural_Gas	Stock	001	009	004	1	1	0.002739726
Commercial	Lodging	Cook_top	Natural_Gas	Standard	001	009	004	1	2	0.002739726
Commercial	Lodging	Cook_top	Electric	Stock	001	009	004	2	1	0.002739726
Commercial	Lodging	Cook_top	Electric	Standard	001	009	004	2	2	0.002739726
Commercial	Lodging	Fryer	Natural_Gas	Stock	001	009	005	1	1	0.002739726
Commercial	Lodging	Fryer	Natural_Gas	Standard	001	009	005	1	2	0.002739726
Commercial	Lodging	Fryer	Electric	Stock	001	009	005	2	1	0.002739726
Commercial	Lodging	Fryer	Electric	Standard	001	009	005	2	2	0.002739726
Commercial	Lodging	Griddle	Natural_Gas	Stock	001	009	006	1	1	0.002739726
Commercial	Lodging	Griddle	Natural_Gas	Standard	001	009	006	1	2	0.002739726
Commercial	Lodging	Griddle	Electric	Stock	001	009	006	2	1	0.002739726

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	peakDayLoadFactor
Commercial Lodging	Griddle	Electric	Standard	001	009	006	2	2	0.002739726	
Commercial Lodging	Other_Cooking	Natural_Gas	Stock	001	009	007	1	1	0.002739726	
Commercial Lodging	Other_Cooking	Natural_Gas	Standard	001	009	007	1	2	0.002739726	
Commercial Lodging	Other_Cooking	Electric	Stock	001	009	007	2	1	0.002739726	
Commercial Lodging	Other_Cooking	Electric	Standard	001	009	007	2	2	0.002739726	
Commercial Lodging	Drying	Natural_Gas	Stock	001	009	008	1	1	0.002739726	
Commercial Lodging	Drying	Natural_Gas	Standard	001	009	008	1	2	0.002739726	
Commercial Lodging	Drying	Electric	Stock	001	009	008	2	1	0.002739726	
Commercial Lodging	Drying	Electric	Standard	001	009	008	2	2	0.002739726	
Commercial Lodging	AC_Compressor	Natural_Gas	Stock	001	009	010	1	1	0.002739726	
Commercial Lodging	AC_Compressor	Natural_Gas	Standard	001	009	010	1	2	0.002739726	
Commercial Lodging	AC_Compressor	Electric	Stock	001	009	010	2	1	0.002739726	
Commercial Lodging	AC_Compressor	Electric	Standard	001	009	010	2	2	0.002739726	
Commercial Lodging	Other	Natural_Gas	Stock	001	009	011	1	1	0.002739726	
Commercial Misc	Space_Heat	Natural_Gas	Stock	001	010	001	1	1	0.002739726	
Commercial Misc	Space_Heat	Natural_Gas	Standard	001	010	001	1	2	0.002739726	
Commercial Misc	Space_Heat	Natural_Gas	High	001	010	001	1	3	0.002739726	
Commercial Misc	Space_Heat	Natural_Gas	Premium	001	010	001	1	4	0.002739726	
Commercial Misc	Space_Heat	Electric	Stock	001	010	001	2	1	0.002739726	
Commercial Misc	Water_Heat	Natural_Gas	Stock	001	010	002	1	1	0.002739726	
Commercial Misc	Water_Heat	Natural_Gas	Standard	001	010	002	1	2	0.002739726	
Commercial Misc	Water_Heat	Natural_Gas	High	001	010	002	1	3	0.002739726	
Commercial Misc	Water_Heat	Natural_Gas	Premium	001	010	002	1	4	0.002739726	
Commercial Misc	Water_Heat	Electric	Stock	001	010	002	2	1	0.002739726	
Commercial Misc	Water_Heat	Electric	Standard	001	010	002	2	2	0.002739726	
Commercial Misc	Water_Heat	Electric	High	001	010	002	2	3	0.002739726	
Commercial Misc	Water_Heat	Electric	Premium	001	010	002	2	4	0.002739726	
Commercial Misc	Cook_top	Natural_Gas	Stock	001	010	004	1	1	0.002739726	
Commercial Misc	Cook_top	Natural_Gas	Standard	001	010	004	1	2	0.002739726	
Commercial Misc	Cook_top	Electric	Stock	001	010	004	2	1	0.002739726	

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	peakDayLoadFactor
Commercial	Misc	Cook_top	Electric	Standard	001	010	004	2	2	0.002739726
Commercial	Misc	Fryer	Natural_Gas	Stock	001	010	005	1	1	0.002739726
Commercial	Misc	Fryer	Natural_Gas	Standard	001	010	005	1	2	0.002739726
Commercial	Misc	Fryer	Electric	Stock	001	010	005	2	1	0.002739726
Commercial	Misc	Fryer	Electric	Standard	001	010	005	2	2	0.002739726
Commercial	Misc	Griddle	Natural_Gas	Stock	001	010	006	1	1	0.002739726
Commercial	Misc	Griddle	Natural_Gas	Standard	001	010	006	1	2	0.002739726
Commercial	Misc	Griddle	Electric	Stock	001	010	006	2	1	0.002739726
Commercial	Misc	Griddle	Electric	Standard	001	010	006	2	2	0.002739726
Commercial	Misc	Other_Cooking	Natural_Gas	Stock	001	010	007	1	1	0.002739726
Commercial	Misc	Other_Cooking	Natural_Gas	Standard	001	010	007	1	2	0.002739726
Commercial	Misc	Other_Cooking	Electric	Stock	001	010	007	2	1	0.002739726
Commercial	Misc	Other_Cooking	Electric	Standard	001	010	007	2	2	0.002739726
Commercial	Misc	AC_Compressor	Natural_Gas	Stock	001	010	010	1	1	0.002739726
Commercial	Misc	AC_Compressor	Natural_Gas	Standard	001	010	010	1	2	0.002739726
Commercial	Misc	AC_Compressor	Electric	Stock	001	010	010	2	1	0.002739726
Commercial	Misc	AC_Compressor	Electric	Standard	001	010	010	2	2	0.002739726
Commercial	Misc	Other	Natural_Gas	Stock	001	010	011	1	1	0.002739726
Commercial	Government	Space_Heat	Natural_Gas	Stock	001	011	001	1	1	0.002739726
Commercial	Government	Space_Heat	Natural_Gas	Standard	001	011	001	1	2	0.002739726
Commercial	Government	Space_Heat	Natural_Gas	High	001	011	001	1	3	0.002739726
Commercial	Government	Space_Heat	Natural_Gas	Premium	001	011	001	1	4	0.002739726
Commercial	Government	Space_Heat	Electric	Stock	001	011	001	2	1	0.002739726
Commercial	Government	Water_Heat	Natural_Gas	Stock	001	011	002	1	1	0.002739726
Commercial	Government	Water_Heat	Natural_Gas	Standard	001	011	002	1	2	0.002739726
Commercial	Government	Water_Heat	Natural_Gas	High	001	011	002	1	3	0.002739726
Commercial	Government	Water_Heat	Natural_Gas	Premium	001	011	002	1	4	0.002739726
Commercial	Government	Water_Heat	Electric	Stock	001	011	002	2	1	0.002739726
Commercial	Government	Water_Heat	Electric	Standard	001	011	002	2	2	0.002739726
Commercial	Government	Water_Heat	Electric	High	001	011	002	2	3	0.002739726

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	peakDayLoadFactor
Commercial Governme	Water_Heat	Electric	Premium	001	011	002	2	4	0.002739726	
Commercial Governme	Cook_top	Natural_Gas	Stock	001	011	004	1	1	0.002739726	
Commercial Governme	Cook_top	Natural_Gas	Standard	001	011	004	1	2	0.002739726	
Commercial Governme	Cook_top	Electric	Stock	001	011	004	2	1	0.002739726	
Commercial Governme	Cook_top	Electric	Standard	001	011	004	2	2	0.002739726	
Commercial Governme	Fryer	Natural_Gas	Stock	001	011	005	1	1	0.002739726	
Commercial Governme	Fryer	Natural_Gas	Standard	001	011	005	1	2	0.002739726	
Commercial Governme	Fryer	Electric	Stock	001	011	005	2	1	0.002739726	
Commercial Governme	Fryer	Electric	Standard	001	011	005	2	2	0.002739726	
Commercial Governme	Griddle	Natural_Gas	Stock	001	011	006	1	1	0.002739726	
Commercial Governme	Griddle	Natural_Gas	Standard	001	011	006	1	2	0.002739726	
Commercial Governme	Griddle	Electric	Stock	001	011	006	2	1	0.002739726	
Commercial Governme	Griddle	Electric	Standard	001	011	006	2	2	0.002739726	
Commercial Governme	Other_Cooking	Natural_Gas	Stock	001	011	007	1	1	0.002739726	
Commercial Governme	Other_Cooking	Natural_Gas	Standard	001	011	007	1	2	0.002739726	
Commercial Governme	Other_Cooking	Electric	Stock	001	011	007	2	1	0.002739726	
Commercial Governme	Other_Cooking	Electric	Standard	001	011	007	2	2	0.002739726	
Commercial Governme	AC_Compressor	Natural_Gas	Stock	001	011	010	1	1	0.002739726	
Commercial Governme	AC_Compressor	Natural_Gas	Standard	001	011	010	1	2	0.002739726	
Commercial Governme	AC_Compressor	Electric	Stock	001	011	010	2	1	0.002739726	
Commercial Governme	AC_Compressor	Electric	Standard	001	011	010	2	2	0.002739726	
Commercial Governme	Other	Natural_Gas	Stock	001	011	011	1	1	0.002739726	
Commercial TCU	Space_Heat	Natural_Gas	Stock	001	012	001	1	1	0.002739726	
Commercial TCU	Space_Heat	Natural_Gas	Standard	001	012	001	1	2	0.002739726	
Commercial TCU	Space_Heat	Natural_Gas	High	001	012	001	1	3	0.002739726	
Commercial TCU	Space_Heat	Natural_Gas	Premium	001	012	001	1	4	0.002739726	
Commercial TCU	Space_Heat	Electric	Stock	001	012	001	2	1	0.002739726	
Commercial TCU	Water_Heat	Natural_Gas	Stock	001	012	002	1	1	0.002739726	
Commercial TCU	Water_Heat	Natural_Gas	Standard	001	012	002	1	2	0.002739726	
Commercial TCU	Water_Heat	Natural_Gas	High	001	012	002	1	3	0.002739726	

SAN DIEGO GAS & ELECTRIC E-SHARES FOR CORE COMMERCIAL SECTOR

zName	bName	nName	fName	eName	z	b	n	f	e	peakDayLoadFactor
Commercial	TCU	Water_Heat	Natural_Gas	Premium	001	012	002	1	4	0.002739726
Commercial	TCU	Water_Heat	Electric	Stock	001	012	002	2	1	0.002739726
Commercial	TCU	Water_Heat	Electric	Standard	001	012	002	2	2	0.002739726
Commercial	TCU	Water_Heat	Electric	High	001	012	002	2	3	0.002739726
Commercial	TCU	Water_Heat	Electric	Premium	001	012	002	2	4	0.002739726
Commercial	TCU	Engine	Natural_Gas	Stock	001	012	009	1	1	0.002739726
Commercial	TCU	Engine	Natural_Gas	Standard	001	012	009	1	2	0.002739726
Commercial	TCU	Engine	Electric	Stock	001	012	009	2	1	0.002739726
Commercial	TCU	Engine	Electric	Standard	001	012	009	2	2	0.002739726
Commercial	TCU	Other	Natural_Gas	Stock	001	012	011	1	1	0.002739726
Commercial	Constructic	Space_Heat	Natural_Gas	Stock	001	013	001	1	1	0.002739726
Commercial	Constructic	Space_Heat	Natural_Gas	Standard	001	013	001	1	2	0.002739726
Commercial	Constructic	Space_Heat	Natural_Gas	High	001	013	001	1	3	0.002739726
Commercial	Constructic	Space_Heat	Natural_Gas	Premium	001	013	001	1	4	0.002739726
Commercial	Constructic	Space_Heat	Electric	Stock	001	013	001	2	1	0.002739726
Commercial	Constructic	Water_Heat	Natural_Gas	Stock	001	013	002	1	1	0.002739726
Commercial	Constructic	Water_Heat	Natural_Gas	Standard	001	013	002	1	2	0.002739726
Commercial	Constructic	Water_Heat	Natural_Gas	High	001	013	002	1	3	0.002739726
Commercial	Constructic	Water_Heat	Natural_Gas	Premium	001	013	002	1	4	0.002739726
Commercial	Constructic	Water_Heat	Electric	Stock	001	013	002	2	1	0.002739726
Commercial	Constructic	Water_Heat	Electric	Standard	001	013	002	2	2	0.002739726
Commercial	Constructic	Water_Heat	Electric	High	001	013	002	2	3	0.002739726
Commercial	Constructic	Water_Heat	Electric	Premium	001	013	002	2	4	0.002739726
Commercial	Constructic	Other	Natural_Gas	Stock	001	013	011	1	1	0.002739726
Commercial	Agriculture	Space_Heat	Natural_Gas	Stock	001	014	001	1	1	0.002739726
Commercial	Agriculture	Space_Heat	Natural_Gas	Standard	001	014	001	1	2	0.002739726
Commercial	Agriculture	Space_Heat	Natural_Gas	High	001	014	001	1	3	0.002739726
Commercial	Agriculture	Space_Heat	Natural_Gas	Premium	001	014	001	1	4	0.002739726
Commercial	Agriculture	Space_Heat	Electric	Stock	001	014	001	2	1	0.002739726
Commercial	Agriculture	Water_Heat	Natural_Gas	Stock	001	014	002	1	1	0.002739726

**SAN DIEGO GAS & ELECTRIC
 E-SHARES FOR CORE COMMERCIAL SECTOR**

zName	bName	nName	fName	eName	z	b	n	f	e	peakDayLoadFactor
Commercial	Agriculture	Water_Heat	Natural_Gas	Standard	001	014	002	1	2	0.002739726
Commercial	Agriculture	Water_Heat	Natural_Gas	High	001	014	002	1	3	0.002739726
Commercial	Agriculture	Water_Heat	Natural_Gas	Premium	001	014	002	1	4	0.002739726
Commercial	Agriculture	Water_Heat	Electric	Stock	001	014	002	2	1	0.002739726
Commercial	Agriculture	Water_Heat	Electric	Standard	001	014	002	2	2	0.002739726
Commercial	Agriculture	Water_Heat	Electric	High	001	014	002	2	3	0.002739726
Commercial	Agriculture	Water_Heat	Electric	Premium	001	014	002	2	4	0.002739726
Commercial	Agriculture	Drying	Natural_Gas	Stock	001	014	008	1	1	0.002739726
Commercial	Agriculture	Drying	Natural_Gas	Standard	001	014	008	1	2	0.002739726
Commercial	Agriculture	Drying	Electric	Stock	001	014	008	2	1	0.002739726
Commercial	Agriculture	Drying	Electric	Standard	001	014	008	2	2	0.002739726
Commercial	Agriculture	Engine	Natural_Gas	Stock	001	014	009	1	1	0.002739726
Commercial	Agriculture	Engine	Natural_Gas	Standard	001	014	009	1	2	0.002739726
Commercial	Agriculture	Engine	Electric	Stock	001	014	009	2	1	0.002739726
Commercial	Agriculture	Engine	Electric	Standard	001	014	009	2	2	0.002739726
Commercial	Agriculture	Other	Natural_Gas	Stock	001	014	011	1	1	0.002739726

SAN DIEGO GAS & ELECTRIC CORE COMMERCIAL: EQUIPMENT DECAY

zName	bName	nName	fName	conType	equipmentDecayIndicator	equipmentDecayParm1	equipmentDecayParm2
Commercial Office	Space_Heat	Natural_Gas	Existing	1	0.025	0	
Commercial Office	Space_Heat	Natural_Gas	New	2	0.995	1	
Commercial Office	Space_Heat	Electric	Existing	1	0.025	0	
Commercial Office	Space_Heat	Electric	New	2	0.995	1	
Commercial Office	Water_Heat	Natural_Gas	Existing	1	0.025	0	
Commercial Office	Water_Heat	Natural_Gas	New	2	0.995	1	
Commercial Office	Water_Heat	Electric	Existing	1	0.025	0	
Commercial Office	Water_Heat	Electric	New	2	0.995	1	
Commercial Office	Cooking	Natural_Gas	Existing	1	0.025	0	
Commercial Office	Cooking	Natural_Gas	New	2	0.995	1	
Commercial Office	Cooking	Electric	Existing	1	0.025	0	
Commercial Office	Cooking	Electric	New	2	0.995	1	
Commercial Office	AC_Compressor	Natural_Gas	Existing	1	0.025	0	
Commercial Office	AC_Compressor	Natural_Gas	New	2	0.995	1	
Commercial Office	AC_Compressor	Electric	Existing	1	0.025	0	
Commercial Office	AC_Compressor	Electric	New	2	0.995	1	
Commercial Office	Other	Natural_Gas	Existing	1	0.025	0	
Commercial Office	Other	Natural_Gas	New	2	0.995	1	
Commercial Restaurant	Space_Heat	Natural_Gas	Existing	1	0.025	0	
Commercial Restaurant	Space_Heat	Natural_Gas	New	2	0.995	1	
Commercial Restaurant	Space_Heat	Electric	Existing	1	0.025	0	
Commercial Restaurant	Space_Heat	Electric	New	2	0.995	1	
Commercial Restaurant	Water_Heat	Natural_Gas	Existing	1	0.025	0	
Commercial Restaurant	Water_Heat	Natural_Gas	New	2	0.995	1	
Commercial Restaurant	Water_Heat	Electric	Existing	1	0.025	0	
Commercial Restaurant	Water_Heat	Electric	New	2	0.995	1	
Commercial Restaurant	Cook_top	Natural_Gas	Existing	1	0.025	0	
Commercial Restaurant	Cook_top	Natural_Gas	New	2	0.995	1	

SAN DIEGO GAS & ELECTRIC CORE COMMERCIAL: EQUIPMENT DECAY

zName	bName	nName	fName	conType	equipmentDecayIndicator	equipmentDecayParm1	equipmentDecayParm2
Commercial	Restaurant	Cook_top	Electric	Existing	1	0.025	0
Commercial	Restaurant	Cook_top	Electric	New	2	0.995	1
Commercial	Restaurant	Fryer	Natural_Gas	Existing	1	0.025	0
Commercial	Restaurant	Fryer	Natural_Gas	New	2	0.995	1
Commercial	Restaurant	Fryer	Electric	Existing	1	0.025	0
Commercial	Restaurant	Fryer	Electric	New	2	0.995	1
Commercial	Restaurant	Griddle	Natural_Gas	Existing	1	0.025	0
Commercial	Restaurant	Griddle	Natural_Gas	New	2	0.995	1
Commercial	Restaurant	Griddle	Electric	Existing	1	0.025	0
Commercial	Restaurant	Griddle	Electric	New	2	0.995	1
Commercial	Restaurant	Other_Cooking	Natural_Gas	Existing	1	0.025	0
Commercial	Restaurant	Other_Cooking	Natural_Gas	New	2	0.995	1
Commercial	Restaurant	Other_Cooking	Electric	Existing	1	0.025	0
Commercial	Restaurant	Other_Cooking	Electric	New	2	0.995	1
Commercial	Restaurant	AC_Compressor	Natural_Gas	Existing	1	0.025	0
Commercial	Restaurant	AC_Compressor	Natural_Gas	New	2	0.995	1
Commercial	Restaurant	AC_Compressor	Electric	Existing	1	0.025	0
Commercial	Restaurant	AC_Compressor	Electric	New	2	0.995	1
Commercial	Restaurant	Other	Natural_Gas	Existing	1	0.025	0
Commercial	Restaurant	Other	Natural_Gas	New	2	0.995	1
Commercial	Retail	Space_Heat	Natural_Gas	Existing	1	0.025	0
Commercial	Retail	Space_Heat	Natural_Gas	New	2	0.995	1
Commercial	Retail	Space_Heat	Electric	Existing	1	0.025	0
Commercial	Retail	Space_Heat	Electric	New	2	0.995	1
Commercial	Retail	Water_Heat	Natural_Gas	Existing	1	0.025	0
Commercial	Retail	Water_Heat	Natural_Gas	New	2	0.995	1
Commercial	Retail	Water_Heat	Electric	Existing	1	0.025	0
Commercial	Retail	Water_Heat	Electric	New	2	0.995	1

SAN DIEGO GAS & ELECTRIC CORE COMMERCIAL: EQUIPMENT DECAY

zName	bName	nName	fName	conType	equipmentDecayIndicator	equipmentDecayParm1	equipmentDecayParm2
Commercial	Retail	Cooking	Natural_Gas	Existing	1	0.025	0
Commercial	Retail	Cooking	Natural_Gas	New	2	0.995	1
Commercial	Retail	Cooking	Electric	Existing	1	0.025	0
Commercial	Retail	Cooking	Electric	New	2	0.995	1
Commercial	Retail	Other	Natural_Gas	Existing	1	0.025	0
Commercial	Retail	Other	Natural_Gas	New	2	0.995	1
Commercial	Laundry	Space_Heat	Natural_Gas	Existing	1	0.025	0
Commercial	Laundry	Space_Heat	Natural_Gas	New	2	0.995	1
Commercial	Laundry	Space_Heat	Electric	Existing	1	0.025	0
Commercial	Laundry	Space_Heat	Electric	New	2	0.995	1
Commercial	Laundry	Water_Heat	Natural_Gas	Existing	1	0.025	0
Commercial	Laundry	Water_Heat	Natural_Gas	New	2	0.995	1
Commercial	Laundry	Water_Heat	Electric	Existing	1	0.025	0
Commercial	Laundry	Water_Heat	Electric	New	2	0.995	1
Commercial	Laundry	Drying	Natural_Gas	Existing	1	0.025	0
Commercial	Laundry	Drying	Natural_Gas	New	2	0.995	1
Commercial	Laundry	Drying	Electric	Existing	1	0.025	0
Commercial	Laundry	Drying	Electric	New	2	0.995	1
Commercial	Laundry	Other	Natural_Gas	Existing	1	0.025	0
Commercial	Laundry	Other	Natural_Gas	New	2	0.995	1
Commercial	Warehouse	Space_Heat	Natural_Gas	Existing	1	0.025	0
Commercial	Warehouse	Space_Heat	Natural_Gas	New	2	0.995	1
Commercial	Warehouse	Space_Heat	Electric	Existing	1	0.025	0
Commercial	Warehouse	Space_Heat	Electric	New	2	0.995	1
Commercial	Warehouse	Water_Heat	Natural_Gas	Existing	1	0.025	0
Commercial	Warehouse	Water_Heat	Natural_Gas	New	2	0.995	1
Commercial	Warehouse	Water_Heat	Electric	Existing	1	0.025	0
Commercial	Warehouse	Water_Heat	Electric	New	2	0.995	1

SAN DIEGO GAS & ELECTRIC CORE COMMERCIAL: EQUIPMENT DECAY

zName	bName	nName	fName	conType	equipmentDecayIndicator	equipmentDecayParm1	equipmentDecayParm2
Commercial	Warehouse	Engine	Natural_Gas	Existing	1	0.025	0
Commercial	Warehouse	Engine	Natural_Gas	New	2	0.995	1
Commercial	Warehouse	Engine	Electric	Existing	1	0.025	0
Commercial	Warehouse	Engine	Electric	New	2	0.995	1
Commercial	Warehouse	Other	Natural_Gas	Existing	1	0.025	0
Commercial	Warehouse	Other	Natural_Gas	New	2	0.995	1
Commercial	School	Space_Heat	Natural_Gas	Existing	1	0.025	0
Commercial	School	Space_Heat	Natural_Gas	New	2	0.995	1
Commercial	School	Space_Heat	Electric	Existing	1	0.025	0
Commercial	School	Space_Heat	Electric	New	2	0.995	1
Commercial	School	Water_Heat	Natural_Gas	Existing	1	0.025	0
Commercial	School	Water_Heat	Natural_Gas	New	2	0.995	1
Commercial	School	Water_Heat	Electric	Existing	1	0.025	0
Commercial	School	Water_Heat	Electric	New	2	0.995	1
Commercial	School	Cook_top	Natural_Gas	Existing	1	0.025	0
Commercial	School	Cook_top	Natural_Gas	New	2	0.995	1
Commercial	School	Cook_top	Electric	Existing	1	0.025	0
Commercial	School	Cook_top	Electric	New	2	0.995	1
Commercial	School	Fryer	Natural_Gas	Existing	1	0.025	0
Commercial	School	Fryer	Natural_Gas	New	2	0.995	1
Commercial	School	Fryer	Electric	Existing	1	0.025	0
Commercial	School	Fryer	Electric	New	2	0.995	1
Commercial	School	Griddle	Natural_Gas	Existing	1	0.025	0
Commercial	School	Griddle	Natural_Gas	New	2	0.995	1
Commercial	School	Griddle	Electric	Existing	1	0.025	0
Commercial	School	Griddle	Electric	New	2	0.995	1
Commercial	School	Other_Cooking	Natural_Gas	Existing	1	0.025	0
Commercial	School	Other_Cooking	Natural_Gas	New	2	0.995	1

SAN DIEGO GAS & ELECTRIC CORE COMMERCIAL: EQUIPMENT DECAY

zName	bName	nName	fName	conType	equipmentDecayIndicator	equipmentDecayParm1	equipmentDecayParm2
Commercial	School	Other_Cooking	Electric	Existing	1	0.025	0
Commercial	School	Other_Cooking	Electric	New	2	0.995	1
Commercial	School	AC_Compressor	Natural_Gas	Existing	1	0.025	0
Commercial	School	AC_Compressor	Natural_Gas	New	2	0.995	1
Commercial	School	AC_Compressor	Electric	Existing	1	0.025	0
Commercial	School	AC_Compressor	Electric	New	2	0.995	1
Commercial	School	Other	Natural_Gas	Existing	1	0.025	0
Commercial	School	Other	Natural_Gas	New	2	0.995	1
Commercial	College	Space_Heat	Natural_Gas	Existing	1	0.025	0
Commercial	College	Space_Heat	Natural_Gas	New	2	0.995	1
Commercial	College	Space_Heat	Electric	Existing	1	0.025	0
Commercial	College	Space_Heat	Electric	New	2	0.995	1
Commercial	College	Water_Heat	Natural_Gas	Existing	1	0.025	0
Commercial	College	Water_Heat	Natural_Gas	New	2	0.995	1
Commercial	College	Water_Heat	Electric	Existing	1	0.025	0
Commercial	College	Water_Heat	Electric	New	2	0.995	1
Commercial	College	Cook_top	Natural_Gas	Existing	1	0.025	0
Commercial	College	Cook_top	Natural_Gas	New	2	0.995	1
Commercial	College	Cook_top	Electric	Existing	1	0.025	0
Commercial	College	Cook_top	Electric	New	2	0.995	1
Commercial	College	Fryer	Natural_Gas	Existing	1	0.025	0
Commercial	College	Fryer	Natural_Gas	New	2	0.995	1
Commercial	College	Fryer	Electric	Existing	1	0.025	0
Commercial	College	Fryer	Electric	New	2	0.995	1
Commercial	College	Griddle	Natural_Gas	Existing	1	0.025	0
Commercial	College	Griddle	Natural_Gas	New	2	0.995	1
Commercial	College	Griddle	Electric	Existing	1	0.025	0
Commercial	College	Griddle	Electric	New	2	0.995	1

SAN DIEGO GAS & ELECTRIC CORE COMMERCIAL: EQUIPMENT DECAY

zName	bName	nName	fName	conType	equipmentDecayIndicator	equipmentDecayParm1	equipmentDecayParm2
Commercial	College	Other_Cooking	Natural_Gas	Existing	1	0.025	0
Commercial	College	Other_Cooking	Natural_Gas	New	2	0.995	1
Commercial	College	Other_Cooking	Electric	Existing	1	0.025	0
Commercial	College	Other_Cooking	Electric	New	2	0.995	1
Commercial	College	AC_Compressor	Natural_Gas	Existing	1	0.025	0
Commercial	College	AC_Compressor	Natural_Gas	New	2	0.995	1
Commercial	College	AC_Compressor	Electric	Existing	1	0.025	0
Commercial	College	AC_Compressor	Electric	New	2	0.995	1
Commercial	College	Other	Natural_Gas	Existing	1	0.025	0
Commercial	College	Other	Natural_Gas	New	2	0.995	1
Commercial	Health	Space_Heat	Natural_Gas	Existing	1	0.025	0
Commercial	Health	Space_Heat	Natural_Gas	New	2	0.995	1
Commercial	Health	Space_Heat	Electric	Existing	1	0.025	0
Commercial	Health	Space_Heat	Electric	New	2	0.995	1
Commercial	Health	Water_Heat	Natural_Gas	Existing	1	0.025	0
Commercial	Health	Water_Heat	Natural_Gas	New	2	0.995	1
Commercial	Health	Water_Heat	Electric	Existing	1	0.025	0
Commercial	Health	Water_Heat	Electric	New	2	0.995	1
Commercial	Health	Cook_top	Natural_Gas	Existing	1	0.025	0
Commercial	Health	Cook_top	Natural_Gas	New	2	0.995	1
Commercial	Health	Cook_top	Electric	Existing	1	0.025	0
Commercial	Health	Cook_top	Electric	New	2	0.995	1
Commercial	Health	Fryer	Natural_Gas	Existing	1	0.025	0
Commercial	Health	Fryer	Natural_Gas	New	2	0.995	1
Commercial	Health	Fryer	Electric	Existing	1	0.025	0
Commercial	Health	Fryer	Electric	New	2	0.995	1
Commercial	Health	Griddle	Natural_Gas	Existing	1	0.025	0
Commercial	Health	Griddle	Natural_Gas	New	2	0.995	1

SAN DIEGO GAS & ELECTRIC CORE COMMERCIAL: EQUIPMENT DECAY

zName	bName	nName	fName	conType	equipmentDecayIndicator	equipmentDecayParm1	equipmentDecayParm2
Commercial	Health	Griddle	Electric	Existing	1	0.025	0
Commercial	Health	Griddle	Electric	New	2	0.995	1
Commercial	Health	Other_Cooking	Natural_Gas	Existing	1	0.025	0
Commercial	Health	Other_Cooking	Natural_Gas	New	2	0.995	1
Commercial	Health	Other_Cooking	Electric	Existing	1	0.025	0
Commercial	Health	Other_Cooking	Electric	New	2	0.995	1
Commercial	Health	Drying	Natural_Gas	Existing	1	0.025	0
Commercial	Health	Drying	Natural_Gas	New	2	0.995	1
Commercial	Health	Drying	Electric	Existing	1	0.025	0
Commercial	Health	Drying	Electric	New	2	0.995	1
Commercial	Health	AC_Compressor	Natural_Gas	Existing	1	0.025	0
Commercial	Health	AC_Compressor	Natural_Gas	New	2	0.995	1
Commercial	Health	AC_Compressor	Electric	Existing	1	0.025	0
Commercial	Health	AC_Compressor	Electric	New	2	0.995	1
Commercial	Health	Other	Natural_Gas	Existing	1	0.025	0
Commercial	Health	Other	Natural_Gas	New	2	0.995	1
Commercial	Lodging	Space_Heat	Natural_Gas	Existing	1	0.025	0
Commercial	Lodging	Space_Heat	Natural_Gas	New	2	0.995	1
Commercial	Lodging	Space_Heat	Electric	Existing	1	0.025	0
Commercial	Lodging	Space_Heat	Electric	New	2	0.995	1
Commercial	Lodging	Water_Heat	Natural_Gas	Existing	1	0.025	0
Commercial	Lodging	Water_Heat	Natural_Gas	New	2	0.995	1
Commercial	Lodging	Water_Heat	Electric	Existing	1	0.025	0
Commercial	Lodging	Water_Heat	Electric	New	2	0.995	1
Commercial	Lodging	Cook_top	Natural_Gas	Existing	1	0.025	0
Commercial	Lodging	Cook_top	Natural_Gas	New	2	0.995	1
Commercial	Lodging	Cook_top	Electric	Existing	1	0.025	0
Commercial	Lodging	Cook_top	Electric	New	2	0.995	1

SAN DIEGO GAS & ELECTRIC CORE COMMERCIAL: EQUIPMENT DECAY

zName	bName	nName	fName	conType	equipmentDecayIndicator	equipmentDecayParm1	equipmentDecayParm2
Commercial Lodging	Fryer	Natural_Gas	Existing	1	0.025	0	
Commercial Lodging	Fryer	Natural_Gas	New	2	0.995	1	
Commercial Lodging	Fryer	Electric	Existing	1	0.025	0	
Commercial Lodging	Fryer	Electric	New	2	0.995	1	
Commercial Lodging	Griddle	Natural_Gas	Existing	1	0.025	0	
Commercial Lodging	Griddle	Natural_Gas	New	2	0.995	1	
Commercial Lodging	Griddle	Electric	Existing	1	0.025	0	
Commercial Lodging	Griddle	Electric	New	2	0.995	1	
Commercial Lodging	Other_Cooking	Natural_Gas	Existing	1	0.025	0	
Commercial Lodging	Other_Cooking	Natural_Gas	New	2	0.995	1	
Commercial Lodging	Other_Cooking	Electric	Existing	1	0.025	0	
Commercial Lodging	Other_Cooking	Electric	New	2	0.995	1	
Commercial Lodging	Drying	Natural_Gas	Existing	1	0.025	0	
Commercial Lodging	Drying	Natural_Gas	New	2	0.995	1	
Commercial Lodging	Drying	Electric	Existing	1	0.025	0	
Commercial Lodging	Drying	Electric	New	2	0.995	1	
Commercial Lodging	AC_Compressor	Natural_Gas	Existing	1	0.025	0	
Commercial Lodging	AC_Compressor	Natural_Gas	New	2	0.995	1	
Commercial Lodging	AC_Compressor	Electric	Existing	1	0.025	0	
Commercial Lodging	AC_Compressor	Electric	New	2	0.995	1	
Commercial Lodging	Other	Natural_Gas	Existing	1	0.025	0	
Commercial Lodging	Other	Natural_Gas	New	2	0.995	1	
Commercial Misc	Space_Heat	Natural_Gas	Existing	1	0.025	0	
Commercial Misc	Space_Heat	Natural_Gas	New	2	0.995	1	
Commercial Misc	Space_Heat	Electric	Existing	1	0.025	0	
Commercial Misc	Space_Heat	Electric	New	2	0.995	1	
Commercial Misc	Water_Heat	Natural_Gas	Existing	1	0.025	0	
Commercial Misc	Water_Heat	Natural_Gas	New	2	0.995	1	

SAN DIEGO GAS & ELECTRIC CORE COMMERCIAL: EQUIPMENT DECAY

zName	bName	nName	fName	conType	equipmentDecayIndicator	equipmentDecayParm1	equipmentDecayParm2
Commercial	Misc	Water_Heat	Electric	Existing	1	0.025	0
Commercial	Misc	Water_Heat	Electric	New	2	0.995	1
Commercial	Misc	Cook_top	Natural_Gas	Existing	1	0.025	0
Commercial	Misc	Cook_top	Natural_Gas	New	2	0.995	1
Commercial	Misc	Cook_top	Electric	Existing	1	0.025	0
Commercial	Misc	Cook_top	Electric	New	2	0.995	1
Commercial	Misc	Fryer	Natural_Gas	Existing	1	0.025	0
Commercial	Misc	Fryer	Natural_Gas	New	2	0.995	1
Commercial	Misc	Fryer	Electric	Existing	1	0.025	0
Commercial	Misc	Fryer	Electric	New	2	0.995	1
Commercial	Misc	Griddle	Natural_Gas	Existing	1	0.025	0
Commercial	Misc	Griddle	Natural_Gas	New	2	0.995	1
Commercial	Misc	Griddle	Electric	Existing	1	0.025	0
Commercial	Misc	Griddle	Electric	New	2	0.995	1
Commercial	Misc	Other_Cooking	Natural_Gas	Existing	1	0.025	0
Commercial	Misc	Other_Cooking	Natural_Gas	New	2	0.995	1
Commercial	Misc	Other_Cooking	Electric	Existing	1	0.025	0
Commercial	Misc	Other_Cooking	Electric	New	2	0.995	1
Commercial	Misc	AC_Compressor	Natural_Gas	Existing	1	0.025	0
Commercial	Misc	AC_Compressor	Natural_Gas	New	2	0.995	1
Commercial	Misc	AC_Compressor	Electric	Existing	1	0.025	0
Commercial	Misc	AC_Compressor	Electric	New	2	0.995	1
Commercial	Misc	Other	Natural_Gas	Existing	1	0.025	0
Commercial	Misc	Other	Natural_Gas	New	2	0.995	1
Commercial	Government	Space_Heat	Natural_Gas	Existing	1	0.025	0
Commercial	Government	Space_Heat	Natural_Gas	New	2	0.995	1
Commercial	Government	Space_Heat	Electric	Existing	1	0.025	0
Commercial	Government	Space_Heat	Electric	New	2	0.995	1

SAN DIEGO GAS & ELECTRIC CORE COMMERCIAL: EQUIPMENT DECAY

zName	bName	nName	fName	conType	equipmentDecayIndicator	equipmentDecayParm1	equipmentDecayParm2
Commercial	Government	Water_Heat	Natural_Gas	Existing	1	0.025	0
Commercial	Government	Water_Heat	Natural_Gas	New	2	0.995	1
Commercial	Government	Water_Heat	Electric	Existing	1	0.025	0
Commercial	Government	Water_Heat	Electric	New	2	0.995	1
Commercial	Government	Cook_top	Natural_Gas	Existing	1	0.025	0
Commercial	Government	Cook_top	Natural_Gas	New	2	0.995	1
Commercial	Government	Cook_top	Electric	Existing	1	0.025	0
Commercial	Government	Cook_top	Electric	New	2	0.995	1
Commercial	Government	Fryer	Natural_Gas	Existing	1	0.025	0
Commercial	Government	Fryer	Natural_Gas	New	2	0.995	1
Commercial	Government	Fryer	Electric	Existing	1	0.025	0
Commercial	Government	Fryer	Electric	New	2	0.995	1
Commercial	Government	Griddle	Natural_Gas	Existing	1	0.025	0
Commercial	Government	Griddle	Natural_Gas	New	2	0.995	1
Commercial	Government	Griddle	Electric	Existing	1	0.025	0
Commercial	Government	Griddle	Electric	New	2	0.995	1
Commercial	Government	Other_Cooking	Natural_Gas	Existing	1	0.025	0
Commercial	Government	Other_Cooking	Natural_Gas	New	2	0.995	1
Commercial	Government	Other_Cooking	Electric	Existing	1	0.025	0
Commercial	Government	Other_Cooking	Electric	New	2	0.995	1
Commercial	Government	AC_Compressor	Natural_Gas	Existing	1	0.025	0
Commercial	Government	AC_Compressor	Natural_Gas	New	2	0.995	1
Commercial	Government	AC_Compressor	Electric	Existing	1	0.025	0
Commercial	Government	AC_Compressor	Electric	New	2	0.995	1
Commercial	Government	Other	Natural_Gas	Existing	1	0.025	0
Commercial	Government	Other	Natural_Gas	New	2	0.995	1
Commercial	TCU	Space_Heat	Natural_Gas	Existing	1	0.025	0
Commercial	TCU	Space_Heat	Natural_Gas	New	2	0.995	1

SAN DIEGO GAS & ELECTRIC CORE COMMERCIAL: EQUIPMENT DECAY

zName	bName	nName	fName	conType	equipmentDecayIndicator	equipmentDecayParm1	equipmentDecayParm2
Commercial	TCU	Space_Heat	Electric	Existing	1	0.025	0
Commercial	TCU	Space_Heat	Electric	New	2	0.995	1
Commercial	TCU	Water_Heat	Natural_Gas	Existing	1	0.025	0
Commercial	TCU	Water_Heat	Natural_Gas	New	2	0.995	1
Commercial	TCU	Water_Heat	Electric	Existing	1	0.025	0
Commercial	TCU	Water_Heat	Electric	New	2	0.995	1
Commercial	TCU	Engine	Natural_Gas	Existing	1	0.025	0
Commercial	TCU	Engine	Natural_Gas	New	2	0.995	1
Commercial	TCU	Engine	Electric	Existing	1	0.025	0
Commercial	TCU	Engine	Electric	New	2	0.995	1
Commercial	TCU	Other	Natural_Gas	Existing	1	0.025	0
Commercial	TCU	Other	Natural_Gas	New	2	0.995	1
Commercial	Constructic	Space_Heat	Natural_Gas	Existing	1	0.025	0
Commercial	Constructic	Space_Heat	Natural_Gas	New	2	0.995	1
Commercial	Constructic	Space_Heat	Electric	Existing	1	0.025	0
Commercial	Constructic	Space_Heat	Electric	New	2	0.995	1
Commercial	Constructic	Water_Heat	Natural_Gas	Existing	1	0.025	0
Commercial	Constructic	Water_Heat	Natural_Gas	New	2	0.995	1
Commercial	Constructic	Water_Heat	Electric	Existing	1	0.025	0
Commercial	Constructic	Water_Heat	Electric	New	2	0.995	1
Commercial	Constructic	Other	Natural_Gas	Existing	1	0.025	0
Commercial	Constructic	Other	Natural_Gas	New	2	0.995	1
Commercial	Agriculture	Space_Heat	Natural_Gas	Existing	1	0.025	0
Commercial	Agriculture	Space_Heat	Natural_Gas	New	2	0.995	1
Commercial	Agriculture	Space_Heat	Electric	Existing	1	0.025	0
Commercial	Agriculture	Space_Heat	Electric	New	2	0.995	1
Commercial	Agriculture	Water_Heat	Natural_Gas	Existing	1	0.025	0
Commercial	Agriculture	Water_Heat	Natural_Gas	New	2	0.995	1

**SAN DIEGO GAS & ELECTRIC
CORE COMMERCIAL:
EQUIPMENT DECAY**

zName	bName	nName	fName	conType	equipmentDecayIndicator	equipmentDecayParm1	equipmentDecayParm2
Commercial	Agriculture	Water_Heat	Electric	Existing	1	0.025	0
Commercial	Agriculture	Water_Heat	Electric	New	2	0.995	1
Commercial	Agriculture	Drying	Natural_Gas	Existing	1	0.025	0
Commercial	Agriculture	Drying	Natural_Gas	New	2	0.995	1
Commercial	Agriculture	Drying	Electric	Existing	1	0.025	0
Commercial	Agriculture	Drying	Electric	New	2	0.995	1
Commercial	Agriculture	Engine	Natural_Gas	Existing	1	0.025	0
Commercial	Agriculture	Engine	Natural_Gas	New	2	0.995	1
Commercial	Agriculture	Engine	Electric	Existing	1	0.025	0
Commercial	Agriculture	Engine	Electric	New	2	0.995	1
Commercial	Agriculture	Other	Natural_Gas	Existing	1	0.025	0
Commercial	Agriculture	Other	Natural_Gas	New	2	0.995	1

SAN DIEGO GAS & ELECTRIC CORE COMMERCIAL: EQUIPMENT DECAY

zName	bName	nName	fName	conType	equipmentDecayParm3	equipmentDecayParm4	z	b	n
Commercial	Office	Space_Heat	Natural_Gas	Existing	0	0	001	001	001
Commercial	Office	Space_Heat	Natural_Gas	New	0.5	40	001	001	001
Commercial	Office	Space_Heat	Electric	Existing	0	0	001	001	001
Commercial	Office	Space_Heat	Electric	New	0.5	40	001	001	001
Commercial	Office	Water_Heat	Natural_Gas	Existing	0	0	001	001	002
Commercial	Office	Water_Heat	Natural_Gas	New	0.5	40	001	001	002
Commercial	Office	Water_Heat	Electric	Existing	0	0	001	001	002
Commercial	Office	Water_Heat	Electric	New	0.5	40	001	001	002
Commercial	Office	Cooking	Natural_Gas	Existing	0	0	001	001	003
Commercial	Office	Cooking	Natural_Gas	New	0.5	40	001	001	003
Commercial	Office	Cooking	Electric	Existing	0	0	001	001	003
Commercial	Office	Cooking	Electric	New	0.5	40	001	001	003
Commercial	Office	AC_Compressor	Natural_Gas	Existing	0	0	001	001	010
Commercial	Office	AC_Compressor	Natural_Gas	New	0.5	40	001	001	010
Commercial	Office	AC_Compressor	Electric	Existing	0	0	001	001	010
Commercial	Office	AC_Compressor	Electric	New	0.5	40	001	001	010
Commercial	Office	Other	Natural_Gas	Existing	0	0	001	001	011
Commercial	Office	Other	Natural_Gas	New	0.5	40	001	001	011
Commercial	Restaurant	Space_Heat	Natural_Gas	Existing	0	0	001	002	001
Commercial	Restaurant	Space_Heat	Natural_Gas	New	0.5	40	001	002	001
Commercial	Restaurant	Space_Heat	Electric	Existing	0	0	001	002	001
Commercial	Restaurant	Space_Heat	Electric	New	0.5	40	001	002	001
Commercial	Restaurant	Water_Heat	Natural_Gas	Existing	0	0	001	002	002
Commercial	Restaurant	Water_Heat	Natural_Gas	New	0.5	40	001	002	002
Commercial	Restaurant	Water_Heat	Electric	Existing	0	0	001	002	002
Commercial	Restaurant	Water_Heat	Electric	New	0.5	40	001	002	002
Commercial	Restaurant	Cook_top	Natural_Gas	Existing	0	0	001	002	004
Commercial	Restaurant	Cook_top	Natural_Gas	New	0.5	40	001	002	004

SAN DIEGO GAS & ELECTRIC CORE COMMERCIAL: EQUIPMENT DECAY

zName	bName	nName	fName	conType	equipmentDecayParm3	equipmentDecayParm4	z	b	n
Commercial	Restaurant	Cook_top	Electric	Existing	0	0	001	002	004
Commercial	Restaurant	Cook_top	Electric	New	0.5	40	001	002	004
Commercial	Restaurant	Fryer	Natural_Gas	Existing	0	0	001	002	005
Commercial	Restaurant	Fryer	Natural_Gas	New	0.5	40	001	002	005
Commercial	Restaurant	Fryer	Electric	Existing	0	0	001	002	005
Commercial	Restaurant	Fryer	Electric	New	0.5	40	001	002	005
Commercial	Restaurant	Griddle	Natural_Gas	Existing	0	0	001	002	006
Commercial	Restaurant	Griddle	Natural_Gas	New	0.5	40	001	002	006
Commercial	Restaurant	Griddle	Electric	Existing	0	0	001	002	006
Commercial	Restaurant	Griddle	Electric	New	0.5	40	001	002	006
Commercial	Restaurant	Other_Cooking	Natural_Gas	Existing	0	0	001	002	007
Commercial	Restaurant	Other_Cooking	Natural_Gas	New	0.5	40	001	002	007
Commercial	Restaurant	Other_Cooking	Electric	Existing	0	0	001	002	007
Commercial	Restaurant	Other_Cooking	Electric	New	0.5	40	001	002	007
Commercial	Restaurant	AC_Compressor	Natural_Gas	Existing	0	0	001	002	010
Commercial	Restaurant	AC_Compressor	Natural_Gas	New	0.5	40	001	002	010
Commercial	Restaurant	AC_Compressor	Electric	Existing	0	0	001	002	010
Commercial	Restaurant	AC_Compressor	Electric	New	0.5	40	001	002	010
Commercial	Restaurant	Other	Natural_Gas	Existing	0	0	001	002	011
Commercial	Restaurant	Other	Natural_Gas	New	0.5	40	001	002	011
Commercial	Retail	Space_Heat	Natural_Gas	Existing	0	0	001	003	001
Commercial	Retail	Space_Heat	Natural_Gas	New	0.5	40	001	003	001
Commercial	Retail	Space_Heat	Electric	Existing	0	0	001	003	001
Commercial	Retail	Space_Heat	Electric	New	0.5	40	001	003	001
Commercial	Retail	Water_Heat	Natural_Gas	Existing	0	0	001	003	002
Commercial	Retail	Water_Heat	Natural_Gas	New	0.5	40	001	003	002
Commercial	Retail	Water_Heat	Electric	Existing	0	0	001	003	002
Commercial	Retail	Water_Heat	Electric	New	0.5	40	001	003	002

SAN DIEGO GAS & ELECTRIC CORE COMMERCIAL: EQUIPMENT DECAY

zName	bName	nName	fName	conType	equipmentDecayParm3	equipmentDecayParm4	z	b	n
Commercial	Retail	Cooking	Natural_Gas	Existing	0	0	001	003	003
Commercial	Retail	Cooking	Natural_Gas	New	0.5	40	001	003	003
Commercial	Retail	Cooking	Electric	Existing	0	0	001	003	003
Commercial	Retail	Cooking	Electric	New	0.5	40	001	003	003
Commercial	Retail	Other	Natural_Gas	Existing	0	0	001	003	011
Commercial	Retail	Other	Natural_Gas	New	0.5	40	001	003	011
Commercial	Laundry	Space_Heat	Natural_Gas	Existing	0	0	001	004	001
Commercial	Laundry	Space_Heat	Natural_Gas	New	0.5	40	001	004	001
Commercial	Laundry	Space_Heat	Electric	Existing	0	0	001	004	001
Commercial	Laundry	Space_Heat	Electric	New	0.5	40	001	004	001
Commercial	Laundry	Water_Heat	Natural_Gas	Existing	0	0	001	004	002
Commercial	Laundry	Water_Heat	Natural_Gas	New	0.5	40	001	004	002
Commercial	Laundry	Water_Heat	Electric	Existing	0	0	001	004	002
Commercial	Laundry	Water_Heat	Electric	New	0.5	40	001	004	002
Commercial	Laundry	Drying	Natural_Gas	Existing	0	0	001	004	008
Commercial	Laundry	Drying	Natural_Gas	New	0.5	40	001	004	008
Commercial	Laundry	Drying	Electric	Existing	0	0	001	004	008
Commercial	Laundry	Drying	Electric	New	0.5	40	001	004	008
Commercial	Laundry	Other	Natural_Gas	Existing	0	0	001	004	011
Commercial	Laundry	Other	Natural_Gas	New	0.5	40	001	004	011
Commercial	Warehouse	Space_Heat	Natural_Gas	Existing	0	0	001	005	001
Commercial	Warehouse	Space_Heat	Natural_Gas	New	0.5	40	001	005	001
Commercial	Warehouse	Space_Heat	Electric	Existing	0	0	001	005	001
Commercial	Warehouse	Space_Heat	Electric	New	0.5	40	001	005	001
Commercial	Warehouse	Water_Heat	Natural_Gas	Existing	0	0	001	005	002
Commercial	Warehouse	Water_Heat	Natural_Gas	New	0.5	40	001	005	002
Commercial	Warehouse	Water_Heat	Electric	Existing	0	0	001	005	002
Commercial	Warehouse	Water_Heat	Electric	New	0.5	40	001	005	002

SAN DIEGO GAS & ELECTRIC CORE COMMERCIAL: EQUIPMENT DECAY

zName	bName	nName	fName	conType	equipmentDecayParm3	equipmentDecayParm4	z	b	n
Commercial	Warehouse	Engine	Natural_Gas	Existing	0	0	001	005	009
Commercial	Warehouse	Engine	Natural_Gas	New	0.5	40	001	005	009
Commercial	Warehouse	Engine	Electric	Existing	0	0	001	005	009
Commercial	Warehouse	Engine	Electric	New	0.5	40	001	005	009
Commercial	Warehouse	Other	Natural_Gas	Existing	0	0	001	005	011
Commercial	Warehouse	Other	Natural_Gas	New	0.5	40	001	005	011
Commercial	School	Space_Heat	Natural_Gas	Existing	0	0	001	006	001
Commercial	School	Space_Heat	Natural_Gas	New	0.5	40	001	006	001
Commercial	School	Space_Heat	Electric	Existing	0	0	001	006	001
Commercial	School	Space_Heat	Electric	New	0.5	40	001	006	001
Commercial	School	Water_Heat	Natural_Gas	Existing	0	0	001	006	002
Commercial	School	Water_Heat	Natural_Gas	New	0.5	40	001	006	002
Commercial	School	Water_Heat	Electric	Existing	0	0	001	006	002
Commercial	School	Water_Heat	Electric	New	0.5	40	001	006	002
Commercial	School	Cook_top	Natural_Gas	Existing	0	0	001	006	004
Commercial	School	Cook_top	Natural_Gas	New	0.5	40	001	006	004
Commercial	School	Cook_top	Electric	Existing	0	0	001	006	004
Commercial	School	Cook_top	Electric	New	0.5	40	001	006	004
Commercial	School	Fryer	Natural_Gas	Existing	0	0	001	006	005
Commercial	School	Fryer	Natural_Gas	New	0.5	40	001	006	005
Commercial	School	Fryer	Electric	Existing	0	0	001	006	005
Commercial	School	Fryer	Electric	New	0.5	40	001	006	005
Commercial	School	Griddle	Natural_Gas	Existing	0	0	001	006	006
Commercial	School	Griddle	Natural_Gas	New	0.5	40	001	006	006
Commercial	School	Griddle	Electric	Existing	0	0	001	006	006
Commercial	School	Griddle	Electric	New	0.5	40	001	006	006
Commercial	School	Other_Cooking	Natural_Gas	Existing	0	0	001	006	007
Commercial	School	Other_Cooking	Natural_Gas	New	0.5	40	001	006	007

SAN DIEGO GAS & ELECTRIC CORE COMMERCIAL: EQUIPMENT DECAY

zName	bName	nName	fName	conType	equipmentDecayParm3	equipmentDecayParm4	z	b	n
Commercial	School	Other_Cooking	Electric	Existing	0	0	001	006	007
Commercial	School	Other_Cooking	Electric	New	0.5	40	001	006	007
Commercial	School	AC_Compressor	Natural_Gas	Existing	0	0	001	006	010
Commercial	School	AC_Compressor	Natural_Gas	New	0.5	40	001	006	010
Commercial	School	AC_Compressor	Electric	Existing	0	0	001	006	010
Commercial	School	AC_Compressor	Electric	New	0.5	40	001	006	010
Commercial	School	Other	Natural_Gas	Existing	0	0	001	006	011
Commercial	School	Other	Natural_Gas	New	0.5	40	001	006	011
Commercial	College	Space_Heat	Natural_Gas	Existing	0	0	001	007	001
Commercial	College	Space_Heat	Natural_Gas	New	0.5	40	001	007	001
Commercial	College	Space_Heat	Electric	Existing	0	0	001	007	001
Commercial	College	Space_Heat	Electric	New	0.5	40	001	007	001
Commercial	College	Water_Heat	Natural_Gas	Existing	0	0	001	007	002
Commercial	College	Water_Heat	Natural_Gas	New	0.5	40	001	007	002
Commercial	College	Water_Heat	Electric	Existing	0	0	001	007	002
Commercial	College	Water_Heat	Electric	New	0.5	40	001	007	002
Commercial	College	Cook_top	Natural_Gas	Existing	0	0	001	007	004
Commercial	College	Cook_top	Natural_Gas	New	0.5	40	001	007	004
Commercial	College	Cook_top	Electric	Existing	0	0	001	007	004
Commercial	College	Cook_top	Electric	New	0.5	40	001	007	004
Commercial	College	Fryer	Natural_Gas	Existing	0	0	001	007	005
Commercial	College	Fryer	Natural_Gas	New	0.5	40	001	007	005
Commercial	College	Fryer	Electric	Existing	0	0	001	007	005
Commercial	College	Fryer	Electric	New	0.5	40	001	007	005
Commercial	College	Griddle	Natural_Gas	Existing	0	0	001	007	006
Commercial	College	Griddle	Natural_Gas	New	0.5	40	001	007	006
Commercial	College	Griddle	Electric	Existing	0	0	001	007	006
Commercial	College	Griddle	Electric	New	0.5	40	001	007	006

SAN DIEGO GAS & ELECTRIC CORE COMMERCIAL: EQUIPMENT DECAY

zName	bName	nName	fName	conType	equipmentDecayParm3	equipmentDecayParm4	z	b	n
Commercial	College	Other_Cooking	Natural_Gas	Existing	0	0	001	007	007
Commercial	College	Other_Cooking	Natural_Gas	New	0.5	40	001	007	007
Commercial	College	Other_Cooking	Electric	Existing	0	0	001	007	007
Commercial	College	Other_Cooking	Electric	New	0.5	40	001	007	007
Commercial	College	AC_Compressor	Natural_Gas	Existing	0	0	001	007	010
Commercial	College	AC_Compressor	Natural_Gas	New	0.5	40	001	007	010
Commercial	College	AC_Compressor	Electric	Existing	0	0	001	007	010
Commercial	College	AC_Compressor	Electric	New	0.5	40	001	007	010
Commercial	College	Other	Natural_Gas	Existing	0	0	001	007	011
Commercial	College	Other	Natural_Gas	New	0.5	40	001	007	011
Commercial	Health	Space_Heat	Natural_Gas	Existing	0	0	001	008	001
Commercial	Health	Space_Heat	Natural_Gas	New	0.5	40	001	008	001
Commercial	Health	Space_Heat	Electric	Existing	0	0	001	008	001
Commercial	Health	Space_Heat	Electric	New	0.5	40	001	008	001
Commercial	Health	Water_Heat	Natural_Gas	Existing	0	0	001	008	002
Commercial	Health	Water_Heat	Natural_Gas	New	0.5	40	001	008	002
Commercial	Health	Water_Heat	Electric	Existing	0	0	001	008	002
Commercial	Health	Water_Heat	Electric	New	0.5	40	001	008	002
Commercial	Health	Cook_top	Natural_Gas	Existing	0	0	001	008	004
Commercial	Health	Cook_top	Natural_Gas	New	0.5	40	001	008	004
Commercial	Health	Cook_top	Electric	Existing	0	0	001	008	004
Commercial	Health	Cook_top	Electric	New	0.5	40	001	008	004
Commercial	Health	Fryer	Natural_Gas	Existing	0	0	001	008	005
Commercial	Health	Fryer	Natural_Gas	New	0.5	40	001	008	005
Commercial	Health	Fryer	Electric	Existing	0	0	001	008	005
Commercial	Health	Fryer	Electric	New	0.5	40	001	008	005
Commercial	Health	Griddle	Natural_Gas	Existing	0	0	001	008	006
Commercial	Health	Griddle	Natural_Gas	New	0.5	40	001	008	006

SAN DIEGO GAS & ELECTRIC CORE COMMERCIAL: EQUIPMENT DECAY

zName	bName	nName	fName	conType	equipmentDecayParm3	equipmentDecayParm4	z	b	n
Commercial	Health	Griddle	Electric	Existing	0	0	001	008	006
Commercial	Health	Griddle	Electric	New	0.5	40	001	008	006
Commercial	Health	Other_Cooking	Natural_Gas	Existing	0	0	001	008	007
Commercial	Health	Other_Cooking	Natural_Gas	New	0.5	40	001	008	007
Commercial	Health	Other_Cooking	Electric	Existing	0	0	001	008	007
Commercial	Health	Other_Cooking	Electric	New	0.5	40	001	008	007
Commercial	Health	Drying	Natural_Gas	Existing	0	0	001	008	008
Commercial	Health	Drying	Natural_Gas	New	0.5	40	001	008	008
Commercial	Health	Drying	Electric	Existing	0	0	001	008	008
Commercial	Health	Drying	Electric	New	0.5	40	001	008	008
Commercial	Health	AC_Compressor	Natural_Gas	Existing	0	0	001	008	010
Commercial	Health	AC_Compressor	Natural_Gas	New	0.5	40	001	008	010
Commercial	Health	AC_Compressor	Electric	Existing	0	0	001	008	010
Commercial	Health	AC_Compressor	Electric	New	0.5	40	001	008	010
Commercial	Health	Other	Natural_Gas	Existing	0	0	001	008	011
Commercial	Health	Other	Natural_Gas	New	0.5	40	001	008	011
Commercial	Lodging	Space_Heat	Natural_Gas	Existing	0	0	001	009	001
Commercial	Lodging	Space_Heat	Natural_Gas	New	0.5	40	001	009	001
Commercial	Lodging	Space_Heat	Electric	Existing	0	0	001	009	001
Commercial	Lodging	Space_Heat	Electric	New	0.5	40	001	009	001
Commercial	Lodging	Water_Heat	Natural_Gas	Existing	0	0	001	009	002
Commercial	Lodging	Water_Heat	Natural_Gas	New	0.5	40	001	009	002
Commercial	Lodging	Water_Heat	Electric	Existing	0	0	001	009	002
Commercial	Lodging	Water_Heat	Electric	New	0.5	40	001	009	002
Commercial	Lodging	Cook_top	Natural_Gas	Existing	0	0	001	009	004
Commercial	Lodging	Cook_top	Natural_Gas	New	0.5	40	001	009	004
Commercial	Lodging	Cook_top	Electric	Existing	0	0	001	009	004
Commercial	Lodging	Cook_top	Electric	New	0.5	40	001	009	004

SAN DIEGO GAS & ELECTRIC CORE COMMERCIAL: EQUIPMENT DECAY

zName	bName	nName	fName	conType	equipmentDecayParm3	equipmentDecayParm4	z	b	n
Commercial Lodging	Fryer	Natural_Gas	Existing	0	0	001	009	005	
Commercial Lodging	Fryer	Natural_Gas	New	0.5	40	001	009	005	
Commercial Lodging	Fryer	Electric	Existing	0	0	001	009	005	
Commercial Lodging	Fryer	Electric	New	0.5	40	001	009	005	
Commercial Lodging	Griddle	Natural_Gas	Existing	0	0	001	009	006	
Commercial Lodging	Griddle	Natural_Gas	New	0.5	40	001	009	006	
Commercial Lodging	Griddle	Electric	Existing	0	0	001	009	006	
Commercial Lodging	Griddle	Electric	New	0.5	40	001	009	006	
Commercial Lodging	Other_Cooking	Natural_Gas	Existing	0	0	001	009	007	
Commercial Lodging	Other_Cooking	Natural_Gas	New	0.5	40	001	009	007	
Commercial Lodging	Other_Cooking	Electric	Existing	0	0	001	009	007	
Commercial Lodging	Other_Cooking	Electric	New	0.5	40	001	009	007	
Commercial Lodging	Drying	Natural_Gas	Existing	0	0	001	009	008	
Commercial Lodging	Drying	Natural_Gas	New	0.5	40	001	009	008	
Commercial Lodging	Drying	Electric	Existing	0	0	001	009	008	
Commercial Lodging	Drying	Electric	New	0.5	40	001	009	008	
Commercial Lodging	AC_Compressor	Natural_Gas	Existing	0	0	001	009	010	
Commercial Lodging	AC_Compressor	Natural_Gas	New	0.5	40	001	009	010	
Commercial Lodging	AC_Compressor	Electric	Existing	0	0	001	009	010	
Commercial Lodging	AC_Compressor	Electric	New	0.5	40	001	009	010	
Commercial Lodging	Other	Natural_Gas	Existing	0	0	001	009	011	
Commercial Lodging	Other	Natural_Gas	New	0.5	40	001	009	011	
Commercial Misc	Space_Heat	Natural_Gas	Existing	0	0	001	010	001	
Commercial Misc	Space_Heat	Natural_Gas	New	0.5	40	001	010	001	
Commercial Misc	Space_Heat	Electric	Existing	0	0	001	010	001	
Commercial Misc	Space_Heat	Electric	New	0.5	40	001	010	001	
Commercial Misc	Water_Heat	Natural_Gas	Existing	0	0	001	010	002	
Commercial Misc	Water_Heat	Natural_Gas	New	0.5	40	001	010	002	

SAN DIEGO GAS & ELECTRIC CORE COMMERCIAL: EQUIPMENT DECAY

zName	bName	nName	fName	conType	equipmentDecayParm3	equipmentDecayParm4	z	b	n
Commercial	Misc	Water_Heat	Electric	Existing	0	0	001	010	002
Commercial	Misc	Water_Heat	Electric	New	0.5	40	001	010	002
Commercial	Misc	Cook_top	Natural_Gas	Existing	0	0	001	010	004
Commercial	Misc	Cook_top	Natural_Gas	New	0.5	40	001	010	004
Commercial	Misc	Cook_top	Electric	Existing	0	0	001	010	004
Commercial	Misc	Cook_top	Electric	New	0.5	40	001	010	004
Commercial	Misc	Fryer	Natural_Gas	Existing	0	0	001	010	005
Commercial	Misc	Fryer	Natural_Gas	New	0.5	40	001	010	005
Commercial	Misc	Fryer	Electric	Existing	0	0	001	010	005
Commercial	Misc	Fryer	Electric	New	0.5	40	001	010	005
Commercial	Misc	Griddle	Natural_Gas	Existing	0	0	001	010	006
Commercial	Misc	Griddle	Natural_Gas	New	0.5	40	001	010	006
Commercial	Misc	Griddle	Electric	Existing	0	0	001	010	006
Commercial	Misc	Griddle	Electric	New	0.5	40	001	010	006
Commercial	Misc	Other_Cooking	Natural_Gas	Existing	0	0	001	010	007
Commercial	Misc	Other_Cooking	Natural_Gas	New	0.5	40	001	010	007
Commercial	Misc	Other_Cooking	Electric	Existing	0	0	001	010	007
Commercial	Misc	Other_Cooking	Electric	New	0.5	40	001	010	007
Commercial	Misc	AC_Compressor	Natural_Gas	Existing	0	0	001	010	010
Commercial	Misc	AC_Compressor	Natural_Gas	New	0.5	40	001	010	010
Commercial	Misc	AC_Compressor	Electric	Existing	0	0	001	010	010
Commercial	Misc	AC_Compressor	Electric	New	0.5	40	001	010	010
Commercial	Misc	Other	Natural_Gas	Existing	0	0	001	010	011
Commercial	Misc	Other	Natural_Gas	New	0.5	40	001	010	011
Commercial	Government	Space_Heat	Natural_Gas	Existing	0	0	001	011	001
Commercial	Government	Space_Heat	Natural_Gas	New	0.5	40	001	011	001
Commercial	Government	Space_Heat	Electric	Existing	0	0	001	011	001
Commercial	Government	Space_Heat	Electric	New	0.5	40	001	011	001

SAN DIEGO GAS & ELECTRIC CORE COMMERCIAL: EQUIPMENT DECAY

zName	bName	nName	fName	conType	equipmentDecayParm3	equipmentDecayParm4	z	b	n
Commercial	Government	Water_Heat	Natural_Gas	Existing	0	0	001	011	002
Commercial	Government	Water_Heat	Natural_Gas	New	0.5	40	001	011	002
Commercial	Government	Water_Heat	Electric	Existing	0	0	001	011	002
Commercial	Government	Water_Heat	Electric	New	0.5	40	001	011	002
Commercial	Government	Cook_top	Natural_Gas	Existing	0	0	001	011	004
Commercial	Government	Cook_top	Natural_Gas	New	0.5	40	001	011	004
Commercial	Government	Cook_top	Electric	Existing	0	0	001	011	004
Commercial	Government	Cook_top	Electric	New	0.5	40	001	011	004
Commercial	Government	Fryer	Natural_Gas	Existing	0	0	001	011	005
Commercial	Government	Fryer	Natural_Gas	New	0.5	40	001	011	005
Commercial	Government	Fryer	Electric	Existing	0	0	001	011	005
Commercial	Government	Fryer	Electric	New	0.5	40	001	011	005
Commercial	Government	Griddle	Natural_Gas	Existing	0	0	001	011	006
Commercial	Government	Griddle	Natural_Gas	New	0.5	40	001	011	006
Commercial	Government	Griddle	Electric	Existing	0	0	001	011	006
Commercial	Government	Griddle	Electric	New	0.5	40	001	011	006
Commercial	Government	Other_Cooking	Natural_Gas	Existing	0	0	001	011	007
Commercial	Government	Other_Cooking	Natural_Gas	New	0.5	40	001	011	007
Commercial	Government	Other_Cooking	Electric	Existing	0	0	001	011	007
Commercial	Government	Other_Cooking	Electric	New	0.5	40	001	011	007
Commercial	Government	AC_Compressor	Natural_Gas	Existing	0	0	001	011	010
Commercial	Government	AC_Compressor	Natural_Gas	New	0.5	40	001	011	010
Commercial	Government	AC_Compressor	Electric	Existing	0	0	001	011	010
Commercial	Government	AC_Compressor	Electric	New	0.5	40	001	011	010
Commercial	Government	Other	Natural_Gas	Existing	0	0	001	011	011
Commercial	Government	Other	Natural_Gas	New	0.5	40	001	011	011
Commercial	TCU	Space_Heat	Natural_Gas	Existing	0	0	001	012	001
Commercial	TCU	Space_Heat	Natural_Gas	New	0.5	40	001	012	001

SAN DIEGO GAS & ELECTRIC CORE COMMERCIAL: EQUIPMENT DECAY

zName	bName	nName	fName	conType	equipmentDecayParm3	equipmentDecayParm4	z	b	n
Commercial	TCU	Space_Heat	Electric	Existing	0	0	001	012	001
Commercial	TCU	Space_Heat	Electric	New	0.5	40	001	012	001
Commercial	TCU	Water_Heat	Natural_Gas	Existing	0	0	001	012	002
Commercial	TCU	Water_Heat	Natural_Gas	New	0.5	40	001	012	002
Commercial	TCU	Water_Heat	Electric	Existing	0	0	001	012	002
Commercial	TCU	Water_Heat	Electric	New	0.5	40	001	012	002
Commercial	TCU	Engine	Natural_Gas	Existing	0	0	001	012	009
Commercial	TCU	Engine	Natural_Gas	New	0.5	40	001	012	009
Commercial	TCU	Engine	Electric	Existing	0	0	001	012	009
Commercial	TCU	Engine	Electric	New	0.5	40	001	012	009
Commercial	TCU	Other	Natural_Gas	Existing	0	0	001	012	011
Commercial	TCU	Other	Natural_Gas	New	0.5	40	001	012	011
Commercial	Constructic	Space_Heat	Natural_Gas	Existing	0	0	001	013	001
Commercial	Constructic	Space_Heat	Natural_Gas	New	0.5	40	001	013	001
Commercial	Constructic	Space_Heat	Electric	Existing	0	0	001	013	001
Commercial	Constructic	Space_Heat	Electric	New	0.5	40	001	013	001
Commercial	Constructic	Water_Heat	Natural_Gas	Existing	0	0	001	013	002
Commercial	Constructic	Water_Heat	Natural_Gas	New	0.5	40	001	013	002
Commercial	Constructic	Water_Heat	Electric	Existing	0	0	001	013	002
Commercial	Constructic	Water_Heat	Electric	New	0.5	40	001	013	002
Commercial	Constructic	Other	Natural_Gas	Existing	0	0	001	013	011
Commercial	Constructic	Other	Natural_Gas	New	0.5	40	001	013	011
Commercial	Agriculture	Space_Heat	Natural_Gas	Existing	0	0	001	014	001
Commercial	Agriculture	Space_Heat	Natural_Gas	New	0.5	40	001	014	001
Commercial	Agriculture	Space_Heat	Electric	Existing	0	0	001	014	001
Commercial	Agriculture	Space_Heat	Electric	New	0.5	40	001	014	001
Commercial	Agriculture	Water_Heat	Natural_Gas	Existing	0	0	001	014	002
Commercial	Agriculture	Water_Heat	Natural_Gas	New	0.5	40	001	014	002

**SAN DIEGO GAS & ELECTRIC
CORE COMMERCIAL:
EQUIPMENT DECAY**

zName	bName	nName	fName	conType	equipmentDecayParm3	equipmentDecayParm4	z	b	n
Commercial	Agriculture	Water_Heat	Electric	Existing	0	0	001	014	002
Commercial	Agriculture	Water_Heat	Electric	New	0.5	40	001	014	002
Commercial	Agriculture	Drying	Natural_Gas	Existing	0	0	001	014	008
Commercial	Agriculture	Drying	Natural_Gas	New	0.5	40	001	014	008
Commercial	Agriculture	Drying	Electric	Existing	0	0	001	014	008
Commercial	Agriculture	Drying	Electric	New	0.5	40	001	014	008
Commercial	Agriculture	Engine	Natural_Gas	Existing	0	0	001	014	009
Commercial	Agriculture	Engine	Natural_Gas	New	0.5	40	001	014	009
Commercial	Agriculture	Engine	Electric	Existing	0	0	001	014	009
Commercial	Agriculture	Engine	Electric	New	0.5	40	001	014	009
Commercial	Agriculture	Other	Natural_Gas	Existing	0	0	001	014	011
Commercial	Agriculture	Other	Natural_Gas	New	0.5	40	001	014	011

SAN DIEGO GAS & ELECTRIC CORE COMMERCIAL: EQUIPMENT DECAY

zName	bName	nName	fName	conType	f
Commercial	Office	Space_Heat	Natural_Gas	Existing	1
Commercial	Office	Space_Heat	Natural_Gas	New	1
Commercial	Office	Space_Heat	Electric	Existing	2
Commercial	Office	Space_Heat	Electric	New	2
Commercial	Office	Water_Heat	Natural_Gas	Existing	1
Commercial	Office	Water_Heat	Natural_Gas	New	1
Commercial	Office	Water_Heat	Electric	Existing	2
Commercial	Office	Water_Heat	Electric	New	2
Commercial	Office	Cooking	Natural_Gas	Existing	1
Commercial	Office	Cooking	Natural_Gas	New	1
Commercial	Office	Cooking	Electric	Existing	2
Commercial	Office	Cooking	Electric	New	2
Commercial	Office	AC_Compressor	Natural_Gas	Existing	1
Commercial	Office	AC_Compressor	Natural_Gas	New	1
Commercial	Office	AC_Compressor	Electric	Existing	2
Commercial	Office	AC_Compressor	Electric	New	2
Commercial	Office	Other	Natural_Gas	Existing	1
Commercial	Office	Other	Natural_Gas	New	1
Commercial	Restaurant	Space_Heat	Natural_Gas	Existing	1
Commercial	Restaurant	Space_Heat	Natural_Gas	New	1
Commercial	Restaurant	Space_Heat	Electric	Existing	2
Commercial	Restaurant	Space_Heat	Electric	New	2
Commercial	Restaurant	Water_Heat	Natural_Gas	Existing	1
Commercial	Restaurant	Water_Heat	Natural_Gas	New	1
Commercial	Restaurant	Water_Heat	Electric	Existing	2
Commercial	Restaurant	Water_Heat	Electric	New	2
Commercial	Restaurant	Cook_top	Natural_Gas	Existing	1
Commercial	Restaurant	Cook_top	Natural_Gas	New	1

SAN DIEGO GAS & ELECTRIC CORE COMMERCIAL: EQUIPMENT DECAY

zName	bName	nName	fName	conType	f
Commercial	Restaurant	Cook_top	Electric	Existing	2
Commercial	Restaurant	Cook_top	Electric	New	2
Commercial	Restaurant	Fryer	Natural_Gas	Existing	1
Commercial	Restaurant	Fryer	Natural_Gas	New	1
Commercial	Restaurant	Fryer	Electric	Existing	2
Commercial	Restaurant	Fryer	Electric	New	2
Commercial	Restaurant	Griddle	Natural_Gas	Existing	1
Commercial	Restaurant	Griddle	Natural_Gas	New	1
Commercial	Restaurant	Griddle	Electric	Existing	2
Commercial	Restaurant	Griddle	Electric	New	2
Commercial	Restaurant	Other_Cooking	Natural_Gas	Existing	1
Commercial	Restaurant	Other_Cooking	Natural_Gas	New	1
Commercial	Restaurant	Other_Cooking	Electric	Existing	2
Commercial	Restaurant	Other_Cooking	Electric	New	2
Commercial	Restaurant	AC_Compressor	Natural_Gas	Existing	1
Commercial	Restaurant	AC_Compressor	Natural_Gas	New	1
Commercial	Restaurant	AC_Compressor	Electric	Existing	2
Commercial	Restaurant	AC_Compressor	Electric	New	2
Commercial	Restaurant	Other	Natural_Gas	Existing	1
Commercial	Restaurant	Other	Natural_Gas	New	1
Commercial	Retail	Space_Heat	Natural_Gas	Existing	1
Commercial	Retail	Space_Heat	Natural_Gas	New	1
Commercial	Retail	Space_Heat	Electric	Existing	2
Commercial	Retail	Space_Heat	Electric	New	2
Commercial	Retail	Water_Heat	Natural_Gas	Existing	1
Commercial	Retail	Water_Heat	Natural_Gas	New	1
Commercial	Retail	Water_Heat	Electric	Existing	2
Commercial	Retail	Water_Heat	Electric	New	2

SAN DIEGO GAS & ELECTRIC CORE COMMERCIAL: EQUIPMENT DECAY

zName	bName	nName	fName	conType	f
Commercial	Retail	Cooking	Natural_Gas	Existing	1
Commercial	Retail	Cooking	Natural_Gas	New	1
Commercial	Retail	Cooking	Electric	Existing	2
Commercial	Retail	Cooking	Electric	New	2
Commercial	Retail	Other	Natural_Gas	Existing	1
Commercial	Retail	Other	Natural_Gas	New	1
Commercial	Laundry	Space_Heat	Natural_Gas	Existing	1
Commercial	Laundry	Space_Heat	Natural_Gas	New	1
Commercial	Laundry	Space_Heat	Electric	Existing	2
Commercial	Laundry	Space_Heat	Electric	New	2
Commercial	Laundry	Water_Heat	Natural_Gas	Existing	1
Commercial	Laundry	Water_Heat	Natural_Gas	New	1
Commercial	Laundry	Water_Heat	Electric	Existing	2
Commercial	Laundry	Water_Heat	Electric	New	2
Commercial	Laundry	Drying	Natural_Gas	Existing	1
Commercial	Laundry	Drying	Natural_Gas	New	1
Commercial	Laundry	Drying	Electric	Existing	2
Commercial	Laundry	Drying	Electric	New	2
Commercial	Laundry	Other	Natural_Gas	Existing	1
Commercial	Laundry	Other	Natural_Gas	New	1
Commercial	Warehouse	Space_Heat	Natural_Gas	Existing	1
Commercial	Warehouse	Space_Heat	Natural_Gas	New	1
Commercial	Warehouse	Space_Heat	Electric	Existing	2
Commercial	Warehouse	Space_Heat	Electric	New	2
Commercial	Warehouse	Water_Heat	Natural_Gas	Existing	1
Commercial	Warehouse	Water_Heat	Natural_Gas	New	1
Commercial	Warehouse	Water_Heat	Electric	Existing	2
Commercial	Warehouse	Water_Heat	Electric	New	2

SAN DIEGO GAS & ELECTRIC CORE COMMERCIAL: EQUIPMENT DECAY

zName	bName	nName	fName	conType	f
Commercial	Warehouse	Engine	Natural_Gas	Existing	1
Commercial	Warehouse	Engine	Natural_Gas	New	1
Commercial	Warehouse	Engine	Electric	Existing	2
Commercial	Warehouse	Engine	Electric	New	2
Commercial	Warehouse	Other	Natural_Gas	Existing	1
Commercial	Warehouse	Other	Natural_Gas	New	1
Commercial	School	Space_Heat	Natural_Gas	Existing	1
Commercial	School	Space_Heat	Natural_Gas	New	1
Commercial	School	Space_Heat	Electric	Existing	2
Commercial	School	Space_Heat	Electric	New	2
Commercial	School	Water_Heat	Natural_Gas	Existing	1
Commercial	School	Water_Heat	Natural_Gas	New	1
Commercial	School	Water_Heat	Electric	Existing	2
Commercial	School	Water_Heat	Electric	New	2
Commercial	School	Cook_top	Natural_Gas	Existing	1
Commercial	School	Cook_top	Natural_Gas	New	1
Commercial	School	Cook_top	Electric	Existing	2
Commercial	School	Cook_top	Electric	New	2
Commercial	School	Fryer	Natural_Gas	Existing	1
Commercial	School	Fryer	Natural_Gas	New	1
Commercial	School	Fryer	Electric	Existing	2
Commercial	School	Fryer	Electric	New	2
Commercial	School	Griddle	Natural_Gas	Existing	1
Commercial	School	Griddle	Natural_Gas	New	1
Commercial	School	Griddle	Electric	Existing	2
Commercial	School	Griddle	Electric	New	2
Commercial	School	Other_Cooking	Natural_Gas	Existing	1
Commercial	School	Other_Cooking	Natural_Gas	New	1

SAN DIEGO GAS & ELECTRIC CORE COMMERCIAL: EQUIPMENT DECAY

zName	bName	nName	fName	conType	f
Commercial	School	Other_Cooking	Electric	Existing	2
Commercial	School	Other_Cooking	Electric	New	2
Commercial	School	AC_Compressor	Natural_Gas	Existing	1
Commercial	School	AC_Compressor	Natural_Gas	New	1
Commercial	School	AC_Compressor	Electric	Existing	2
Commercial	School	AC_Compressor	Electric	New	2
Commercial	School	Other	Natural_Gas	Existing	1
Commercial	School	Other	Natural_Gas	New	1
Commercial	College	Space_Heat	Natural_Gas	Existing	1
Commercial	College	Space_Heat	Natural_Gas	New	1
Commercial	College	Space_Heat	Electric	Existing	2
Commercial	College	Space_Heat	Electric	New	2
Commercial	College	Water_Heat	Natural_Gas	Existing	1
Commercial	College	Water_Heat	Natural_Gas	New	1
Commercial	College	Water_Heat	Electric	Existing	2
Commercial	College	Water_Heat	Electric	New	2
Commercial	College	Cook_top	Natural_Gas	Existing	1
Commercial	College	Cook_top	Natural_Gas	New	1
Commercial	College	Cook_top	Electric	Existing	2
Commercial	College	Cook_top	Electric	New	2
Commercial	College	Fryer	Natural_Gas	Existing	1
Commercial	College	Fryer	Natural_Gas	New	1
Commercial	College	Fryer	Electric	Existing	2
Commercial	College	Fryer	Electric	New	2
Commercial	College	Griddle	Natural_Gas	Existing	1
Commercial	College	Griddle	Natural_Gas	New	1
Commercial	College	Griddle	Electric	Existing	2
Commercial	College	Griddle	Electric	New	2

SAN DIEGO GAS & ELECTRIC CORE COMMERCIAL: EQUIPMENT DECAY

zName	bName	nName	fName	conType	f
Commercial	College	Other_Cooking	Natural_Gas	Existing	1
Commercial	College	Other_Cooking	Natural_Gas	New	1
Commercial	College	Other_Cooking	Electric	Existing	2
Commercial	College	Other_Cooking	Electric	New	2
Commercial	College	AC_Compressor	Natural_Gas	Existing	1
Commercial	College	AC_Compressor	Natural_Gas	New	1
Commercial	College	AC_Compressor	Electric	Existing	2
Commercial	College	AC_Compressor	Electric	New	2
Commercial	College	Other	Natural_Gas	Existing	1
Commercial	College	Other	Natural_Gas	New	1
Commercial	Health	Space_Heat	Natural_Gas	Existing	1
Commercial	Health	Space_Heat	Natural_Gas	New	1
Commercial	Health	Space_Heat	Electric	Existing	2
Commercial	Health	Space_Heat	Electric	New	2
Commercial	Health	Water_Heat	Natural_Gas	Existing	1
Commercial	Health	Water_Heat	Natural_Gas	New	1
Commercial	Health	Water_Heat	Electric	Existing	2
Commercial	Health	Water_Heat	Electric	New	2
Commercial	Health	Cook_top	Natural_Gas	Existing	1
Commercial	Health	Cook_top	Natural_Gas	New	1
Commercial	Health	Cook_top	Electric	Existing	2
Commercial	Health	Cook_top	Electric	New	2
Commercial	Health	Fryer	Natural_Gas	Existing	1
Commercial	Health	Fryer	Natural_Gas	New	1
Commercial	Health	Fryer	Electric	Existing	2
Commercial	Health	Fryer	Electric	New	2
Commercial	Health	Griddle	Natural_Gas	Existing	1
Commercial	Health	Griddle	Natural_Gas	New	1

SAN DIEGO GAS & ELECTRIC CORE COMMERCIAL: EQUIPMENT DECAY

zName	bName	nName	fName	conType	f
Commercial	Health	Griddle	Electric	Existing	2
Commercial	Health	Griddle	Electric	New	2
Commercial	Health	Other_Cooking	Natural_Gas	Existing	1
Commercial	Health	Other_Cooking	Natural_Gas	New	1
Commercial	Health	Other_Cooking	Electric	Existing	2
Commercial	Health	Other_Cooking	Electric	New	2
Commercial	Health	Drying	Natural_Gas	Existing	1
Commercial	Health	Drying	Natural_Gas	New	1
Commercial	Health	Drying	Electric	Existing	2
Commercial	Health	Drying	Electric	New	2
Commercial	Health	AC_Compressor	Natural_Gas	Existing	1
Commercial	Health	AC_Compressor	Natural_Gas	New	1
Commercial	Health	AC_Compressor	Electric	Existing	2
Commercial	Health	AC_Compressor	Electric	New	2
Commercial	Health	Other	Natural_Gas	Existing	1
Commercial	Health	Other	Natural_Gas	New	1
Commercial	Lodging	Space_Heat	Natural_Gas	Existing	1
Commercial	Lodging	Space_Heat	Natural_Gas	New	1
Commercial	Lodging	Space_Heat	Electric	Existing	2
Commercial	Lodging	Space_Heat	Electric	New	2
Commercial	Lodging	Water_Heat	Natural_Gas	Existing	1
Commercial	Lodging	Water_Heat	Natural_Gas	New	1
Commercial	Lodging	Water_Heat	Electric	Existing	2
Commercial	Lodging	Water_Heat	Electric	New	2
Commercial	Lodging	Cook_top	Natural_Gas	Existing	1
Commercial	Lodging	Cook_top	Natural_Gas	New	1
Commercial	Lodging	Cook_top	Electric	Existing	2
Commercial	Lodging	Cook_top	Electric	New	2

SAN DIEGO GAS & ELECTRIC CORE COMMERCIAL: EQUIPMENT DECAY

zName	bName	nName	fName	conType	f
Commercial Lodging	Fryer	Natural_Gas	Existing	1	
Commercial Lodging	Fryer	Natural_Gas	New	1	
Commercial Lodging	Fryer	Electric	Existing	2	
Commercial Lodging	Fryer	Electric	New	2	
Commercial Lodging	Griddle	Natural_Gas	Existing	1	
Commercial Lodging	Griddle	Natural_Gas	New	1	
Commercial Lodging	Griddle	Electric	Existing	2	
Commercial Lodging	Griddle	Electric	New	2	
Commercial Lodging	Other_Cooking	Natural_Gas	Existing	1	
Commercial Lodging	Other_Cooking	Natural_Gas	New	1	
Commercial Lodging	Other_Cooking	Electric	Existing	2	
Commercial Lodging	Other_Cooking	Electric	New	2	
Commercial Lodging	Drying	Natural_Gas	Existing	1	
Commercial Lodging	Drying	Natural_Gas	New	1	
Commercial Lodging	Drying	Electric	Existing	2	
Commercial Lodging	Drying	Electric	New	2	
Commercial Lodging	AC_Compressor	Natural_Gas	Existing	1	
Commercial Lodging	AC_Compressor	Natural_Gas	New	1	
Commercial Lodging	AC_Compressor	Electric	Existing	2	
Commercial Lodging	AC_Compressor	Electric	New	2	
Commercial Lodging	Other	Natural_Gas	Existing	1	
Commercial Lodging	Other	Natural_Gas	New	1	
Commercial Misc	Space_Heat	Natural_Gas	Existing	1	
Commercial Misc	Space_Heat	Natural_Gas	New	1	
Commercial Misc	Space_Heat	Electric	Existing	2	
Commercial Misc	Space_Heat	Electric	New	2	
Commercial Misc	Water_Heat	Natural_Gas	Existing	1	
Commercial Misc	Water_Heat	Natural_Gas	New	1	

SAN DIEGO GAS & ELECTRIC CORE COMMERCIAL: EQUIPMENT DECAY

zName	bName	nName	fName	conType	f
Commercial	Misc	Water_Heat	Electric	Existing	2
Commercial	Misc	Water_Heat	Electric	New	2
Commercial	Misc	Cook_top	Natural_Gas	Existing	1
Commercial	Misc	Cook_top	Natural_Gas	New	1
Commercial	Misc	Cook_top	Electric	Existing	2
Commercial	Misc	Cook_top	Electric	New	2
Commercial	Misc	Fryer	Natural_Gas	Existing	1
Commercial	Misc	Fryer	Natural_Gas	New	1
Commercial	Misc	Fryer	Electric	Existing	2
Commercial	Misc	Fryer	Electric	New	2
Commercial	Misc	Griddle	Natural_Gas	Existing	1
Commercial	Misc	Griddle	Natural_Gas	New	1
Commercial	Misc	Griddle	Electric	Existing	2
Commercial	Misc	Griddle	Electric	New	2
Commercial	Misc	Other_Cooking	Natural_Gas	Existing	1
Commercial	Misc	Other_Cooking	Natural_Gas	New	1
Commercial	Misc	Other_Cooking	Electric	Existing	2
Commercial	Misc	Other_Cooking	Electric	New	2
Commercial	Misc	AC_Compressor	Natural_Gas	Existing	1
Commercial	Misc	AC_Compressor	Natural_Gas	New	1
Commercial	Misc	AC_Compressor	Electric	Existing	2
Commercial	Misc	AC_Compressor	Electric	New	2
Commercial	Misc	Other	Natural_Gas	Existing	1
Commercial	Misc	Other	Natural_Gas	New	1
Commercial	Government	Space_Heat	Natural_Gas	Existing	1
Commercial	Government	Space_Heat	Natural_Gas	New	1
Commercial	Government	Space_Heat	Electric	Existing	2
Commercial	Government	Space_Heat	Electric	New	2

SAN DIEGO GAS & ELECTRIC CORE COMMERCIAL: EQUIPMENT DECAY

zName	bName	nName	fName	conType	f
Commercial	Government	Water_Heat	Natural_Gas	Existing	1
Commercial	Government	Water_Heat	Natural_Gas	New	1
Commercial	Government	Water_Heat	Electric	Existing	2
Commercial	Government	Water_Heat	Electric	New	2
Commercial	Government	Cook_top	Natural_Gas	Existing	1
Commercial	Government	Cook_top	Natural_Gas	New	1
Commercial	Government	Cook_top	Electric	Existing	2
Commercial	Government	Cook_top	Electric	New	2
Commercial	Government	Fryer	Natural_Gas	Existing	1
Commercial	Government	Fryer	Natural_Gas	New	1
Commercial	Government	Fryer	Electric	Existing	2
Commercial	Government	Fryer	Electric	New	2
Commercial	Government	Griddle	Natural_Gas	Existing	1
Commercial	Government	Griddle	Natural_Gas	New	1
Commercial	Government	Griddle	Electric	Existing	2
Commercial	Government	Griddle	Electric	New	2
Commercial	Government	Other_Cooking	Natural_Gas	Existing	1
Commercial	Government	Other_Cooking	Natural_Gas	New	1
Commercial	Government	Other_Cooking	Electric	Existing	2
Commercial	Government	Other_Cooking	Electric	New	2
Commercial	Government	AC_Compressor	Natural_Gas	Existing	1
Commercial	Government	AC_Compressor	Natural_Gas	New	1
Commercial	Government	AC_Compressor	Electric	Existing	2
Commercial	Government	AC_Compressor	Electric	New	2
Commercial	Government	Other	Natural_Gas	Existing	1
Commercial	Government	Other	Natural_Gas	New	1
Commercial	TCU	Space_Heat	Natural_Gas	Existing	1
Commercial	TCU	Space_Heat	Natural_Gas	New	1

SAN DIEGO GAS & ELECTRIC CORE COMMERCIAL: EQUIPMENT DECAY

zName	bName	nName	fName	conType	f
Commercial	TCU	Space_Heat	Electric	Existing	2
Commercial	TCU	Space_Heat	Electric	New	2
Commercial	TCU	Water_Heat	Natural_Gas	Existing	1
Commercial	TCU	Water_Heat	Natural_Gas	New	1
Commercial	TCU	Water_Heat	Electric	Existing	2
Commercial	TCU	Water_Heat	Electric	New	2
Commercial	TCU	Engine	Natural_Gas	Existing	1
Commercial	TCU	Engine	Natural_Gas	New	1
Commercial	TCU	Engine	Electric	Existing	2
Commercial	TCU	Engine	Electric	New	2
Commercial	TCU	Other	Natural_Gas	Existing	1
Commercial	TCU	Other	Natural_Gas	New	1
Commercial	Constructic	Space_Heat	Natural_Gas	Existing	1
Commercial	Constructic	Space_Heat	Natural_Gas	New	1
Commercial	Constructic	Space_Heat	Electric	Existing	2
Commercial	Constructic	Space_Heat	Electric	New	2
Commercial	Constructic	Water_Heat	Natural_Gas	Existing	1
Commercial	Constructic	Water_Heat	Natural_Gas	New	1
Commercial	Constructic	Water_Heat	Electric	Existing	2
Commercial	Constructic	Water_Heat	Electric	New	2
Commercial	Constructic	Other	Natural_Gas	Existing	1
Commercial	Constructic	Other	Natural_Gas	New	1
Commercial	Agriculture	Space_Heat	Natural_Gas	Existing	1
Commercial	Agriculture	Space_Heat	Natural_Gas	New	1
Commercial	Agriculture	Space_Heat	Electric	Existing	2
Commercial	Agriculture	Space_Heat	Electric	New	2
Commercial	Agriculture	Water_Heat	Natural_Gas	Existing	1
Commercial	Agriculture	Water_Heat	Natural_Gas	New	1

**SAN DIEGO GAS & ELECTRIC
CORE COMMERCIAL:
EQUIPMENT DECAY**

zName	bName	nName	fName	conType	f
Commercial	Agriculture	Water_Heat	Electric	Existing	2
Commercial	Agriculture	Water_Heat	Electric	New	2
Commercial	Agriculture	Drying	Natural_Gas	Existing	1
Commercial	Agriculture	Drying	Natural_Gas	New	1
Commercial	Agriculture	Drying	Electric	Existing	2
Commercial	Agriculture	Drying	Electric	New	2
Commercial	Agriculture	Engine	Natural_Gas	Existing	1
Commercial	Agriculture	Engine	Natural_Gas	New	1
Commercial	Agriculture	Engine	Electric	Existing	2
Commercial	Agriculture	Engine	Electric	New	2
Commercial	Agriculture	Other	Natural_Gas	Existing	1
Commercial	Agriculture	Other	Natural_Gas	New	1

SAN DIEGO GAS & ELECTRIC CORE COMMERCIAL: EQUIPMENT AGE

zName	bName	nName	vintage	equipmentMeanAge
Commercial	Office	Space_Heat	-1	24
Commercial	Office	Space_Heat	0	24
Commercial	Office	Water_Heat	-1	27
Commercial	Office	Water_Heat	0	27
Commercial	Office	Cooking	-1	27
Commercial	Office	Cooking	0	27
Commercial	Office	AC_Compressor	-1	10
Commercial	Office	AC_Compressor	0	10
Commercial	Office	Other	-1	35
Commercial	Office	Other	0	35
Commercial	Restaurant	Space_Heat	-1	23
Commercial	Restaurant	Space_Heat	0	23
Commercial	Restaurant	Water_Heat	-1	22
Commercial	Restaurant	Water_Heat	0	22
Commercial	Restaurant	Cook_top	-1	23
Commercial	Restaurant	Cook_top	0	23
Commercial	Restaurant	Fryer	-1	24
Commercial	Restaurant	Fryer	0	24
Commercial	Restaurant	Griddle	-1	24
Commercial	Restaurant	Griddle	0	24
Commercial	Restaurant	Other_Cooking	-1	29
Commercial	Restaurant	Other_Cooking	0	29
Commercial	Restaurant	AC_Compressor	-1	17
Commercial	Restaurant	AC_Compressor	0	17
Commercial	Restaurant	Other	-1	30
Commercial	Restaurant	Other	0	30
Commercial	Retail	Space_Heat	-1	17
Commercial	Retail	Space_Heat	0	17
Commercial	Retail	Water_Heat	-1	27
Commercial	Retail	Water_Heat	0	27
Commercial	Retail	Cooking	-1	18
Commercial	Retail	Cooking	0	18
Commercial	Retail	Other	-1	35
Commercial	Retail	Other	0	35
Commercial	Laundry	Space_Heat	-1	25
Commercial	Laundry	Space_Heat	0	25
Commercial	Laundry	Water_Heat	-1	11
Commercial	Laundry	Water_Heat	0	11
Commercial	Laundry	Drying	-1	19
Commercial	Laundry	Drying	0	19

SAN DIEGO GAS & ELECTRIC CORE COMMERCIAL: EQUIPMENT AGE

zName	bName	nName	vintage	equipmentMeanAge
Commercial	Laundry	Other	-1	4
Commercial	Laundry	Other	0	4
Commercial	Warehouse	Space_Heat	-1	23
Commercial	Warehouse	Space_Heat	0	23
Commercial	Warehouse	Water_Heat	-1	26
Commercial	Warehouse	Water_Heat	0	26
Commercial	Warehouse	Engine	-1	14
Commercial	Warehouse	Engine	0	14
Commercial	Warehouse	Other	-1	34
Commercial	Warehouse	Other	0	34
Commercial	School	Space_Heat	-1	17
Commercial	School	Space_Heat	0	17
Commercial	School	Water_Heat	-1	28
Commercial	School	Water_Heat	0	28
Commercial	School	Cook_top	-1	29
Commercial	School	Cook_top	0	29
Commercial	School	Fryer	-1	31
Commercial	School	Fryer	0	31
Commercial	School	Griddle	-1	36
Commercial	School	Griddle	0	36
Commercial	School	Other_Cooking	-1	42
Commercial	School	Other_Cooking	0	42
Commercial	School	AC_Compressor	-1	37
Commercial	School	AC_Compressor	0	37
Commercial	School	Other	-1	37
Commercial	School	Other	0	37
Commercial	College	Space_Heat	-1	16
Commercial	College	Space_Heat	0	16
Commercial	College	Water_Heat	-1	22
Commercial	College	Water_Heat	0	22
Commercial	College	Cook_top	-1	32
Commercial	College	Cook_top	0	32
Commercial	College	Fryer	-1	42
Commercial	College	Fryer	0	42
Commercial	College	Griddle	-1	30
Commercial	College	Griddle	0	30
Commercial	College	Other_Cooking	-1	39
Commercial	College	Other_Cooking	0	39
Commercial	College	AC_Compressor	-1	31
Commercial	College	AC_Compressor	0	31

SAN DIEGO GAS & ELECTRIC CORE COMMERCIAL: EQUIPMENT AGE

zName	bName	nName	vintage	equipmentMeanAge
Commercial	College	Other	-1	36
Commercial	College	Other	0	36
Commercial	Health	Space_Heat	-1	25
Commercial	Health	Space_Heat	0	25
Commercial	Health	Water_Heat	-1	26
Commercial	Health	Water_Heat	0	26
Commercial	Health	Cook_top	-1	30
Commercial	Health	Cook_top	0	30
Commercial	Health	Fryer	-1	31
Commercial	Health	Fryer	0	31
Commercial	Health	Griddle	-1	34
Commercial	Health	Griddle	0	34
Commercial	Health	Other_Cooking	-1	36
Commercial	Health	Other_Cooking	0	36
Commercial	Health	Drying	-1	30
Commercial	Health	Drying	0	30
Commercial	Health	AC_Compressor	-1	35
Commercial	Health	AC_Compressor	0	35
Commercial	Health	Other	-1	36
Commercial	Health	Other	0	36
Commercial	Lodging	Space_Heat	-1	17
Commercial	Lodging	Space_Heat	0	17
Commercial	Lodging	Water_Heat	-1	20
Commercial	Lodging	Water_Heat	0	20
Commercial	Lodging	Cook_top	-1	18
Commercial	Lodging	Cook_top	0	18
Commercial	Lodging	Fryer	-1	20
Commercial	Lodging	Fryer	0	20
Commercial	Lodging	Griddle	-1	31
Commercial	Lodging	Griddle	0	31
Commercial	Lodging	Other_Cooking	-1	37
Commercial	Lodging	Other_Cooking	0	37
Commercial	Lodging	Drying	-1	25
Commercial	Lodging	Drying	0	25
Commercial	Lodging	AC_Compressor	-1	35
Commercial	Lodging	AC_Compressor	0	35
Commercial	Lodging	Other	-1	33
Commercial	Lodging	Other	0	33
Commercial	Misc	Space_Heat	-1	28
Commercial	Misc	Space_Heat	0	28

SAN DIEGO GAS & ELECTRIC CORE COMMERCIAL: EQUIPMENT AGE

zName	bName	nName	vintage	equipmentMeanAge
Commercial	Misc	Water_Heat	-1	30
Commercial	Misc	Water_Heat	0	30
Commercial	Misc	Cook_top	-1	28
Commercial	Misc	Cook_top	0	28
Commercial	Misc	Fryer	-1	29
Commercial	Misc	Fryer	0	29
Commercial	Misc	Griddle	-1	37
Commercial	Misc	Griddle	0	37
Commercial	Misc	Other_Cooking	-1	40
Commercial	Misc	Other_Cooking	0	40
Commercial	Misc	AC_Compressor	-1	36
Commercial	Misc	AC_Compressor	0	36
Commercial	Misc	Other	-1	39
Commercial	Misc	Other	0	39
Commercial	Government	Space_Heat	-1	23
Commercial	Government	Space_Heat	0	23
Commercial	Government	Water_Heat	-1	27
Commercial	Government	Water_Heat	0	27
Commercial	Government	Cook_top	-1	29
Commercial	Government	Cook_top	0	29
Commercial	Government	Fryer	-1	29
Commercial	Government	Fryer	0	29
Commercial	Government	Griddle	-1	35
Commercial	Government	Griddle	0	35
Commercial	Government	Other_Cooking	-1	24
Commercial	Government	Other_Cooking	0	24
Commercial	Government	AC_Compressor	-1	35
Commercial	Government	AC_Compressor	0	35
Commercial	Government	Other	-1	37
Commercial	Government	Other	0	37
Commercial	TCU	Space_Heat	-1	28
Commercial	TCU	Space_Heat	0	28
Commercial	TCU	Water_Heat	-1	30
Commercial	TCU	Water_Heat	0	30
Commercial	TCU	Engine	-1	31
Commercial	TCU	Engine	0	31
Commercial	TCU	Other	-1	36
Commercial	TCU	Other	0	36
Commercial	Construction	Space_Heat	-1	24
Commercial	Construction	Space_Heat	0	24

**SAN DIEGO GAS & ELECTRIC
CORE COMMERCIAL: EQUIPMENT AGE**

zName	bName	nName	vintage	equipmentMeanAge
Commercial	Construction	Water_Heat	-1	27
Commercial	Construction	Water_Heat	0	27
Commercial	Construction	Other	-1	36
Commercial	Construction	Other	0	36
Commercial	Agriculture	Space_Heat	-1	18
Commercial	Agriculture	Space_Heat	0	18
Commercial	Agriculture	Water_Heat	-1	21
Commercial	Agriculture	Water_Heat	0	21
Commercial	Agriculture	Drying	-1	29
Commercial	Agriculture	Drying	0	29
Commercial	Agriculture	Engine	-1	12
Commercial	Agriculture	Engine	0	12
Commercial	Agriculture	Other	-1	22
Commercial	Agriculture	Other	0	22

zName	equipmentMaxAge	z	b	n
Commercial	24	001	001	001
Commercial	24	001	001	001
Commercial	27	001	001	002
Commercial	27	001	001	002
Commercial	27	001	001	003
Commercial	27	001	001	003
Commercial	10	001	001	010
Commercial	10	001	001	010
Commercial	35	001	001	011
Commercial	35	001	001	011
Commercial	23	001	002	001
Commercial	23	001	002	001
Commercial	22	001	002	002
Commercial	22	001	002	002
Commercial	23	001	002	004
Commercial	23	001	002	004
Commercial	24	001	002	005
Commercial	24	001	002	005
Commercial	24	001	002	006
Commercial	24	001	002	006
Commercial	29	001	002	007
Commercial	29	001	002	007
Commercial	17	001	002	010
Commercial	17	001	002	010
Commercial	30	001	002	011
Commercial	30	001	002	011
Commercial	17	001	003	001
Commercial	17	001	003	001
Commercial	27	001	003	002
Commercial	27	001	003	002
Commercial	18	001	003	003
Commercial	18	001	003	003
Commercial	35	001	003	011
Commercial	35	001	003	011
Commercial	25	001	004	001
Commercial	25	001	004	001
Commercial	11	001	004	002
Commercial	11	001	004	002
Commercial	19	001	004	008
Commercial	19	001	004	008

zName	equipmentMaxAge	z	b	n
Commercial	4	001	004	011
Commercial	4	001	004	011
Commercial	23	001	005	001
Commercial	23	001	005	001
Commercial	26	001	005	002
Commercial	26	001	005	002
Commercial	14	001	005	009
Commercial	14	001	005	009
Commercial	34	001	005	011
Commercial	34	001	005	011
Commercial	17	001	006	001
Commercial	17	001	006	001
Commercial	28	001	006	002
Commercial	28	001	006	002
Commercial	29	001	006	004
Commercial	29	001	006	004
Commercial	31	001	006	005
Commercial	31	001	006	005
Commercial	36	001	006	006
Commercial	36	001	006	006
Commercial	42	001	006	007
Commercial	42	001	006	007
Commercial	37	001	006	010
Commercial	37	001	006	010
Commercial	37	001	006	011
Commercial	37	001	006	011
Commercial	16	001	007	001
Commercial	16	001	007	001
Commercial	22	001	007	002
Commercial	22	001	007	002
Commercial	32	001	007	004
Commercial	32	001	007	004
Commercial	42	001	007	005
Commercial	42	001	007	005
Commercial	30	001	007	006
Commercial	30	001	007	006
Commercial	39	001	007	007
Commercial	39	001	007	007
Commercial	31	001	007	010
Commercial	31	001	007	010

zName	equipmentMaxAge	z	b	n
Commercial	36	001	007	011
Commercial	36	001	007	011
Commercial	25	001	008	001
Commercial	25	001	008	001
Commercial	26	001	008	002
Commercial	26	001	008	002
Commercial	30	001	008	004
Commercial	30	001	008	004
Commercial	31	001	008	005
Commercial	31	001	008	005
Commercial	34	001	008	006
Commercial	34	001	008	006
Commercial	36	001	008	007
Commercial	36	001	008	007
Commercial	30	001	008	008
Commercial	30	001	008	008
Commercial	35	001	008	010
Commercial	35	001	008	010
Commercial	36	001	008	011
Commercial	36	001	008	011
Commercial	17	001	009	001
Commercial	17	001	009	001
Commercial	20	001	009	002
Commercial	20	001	009	002
Commercial	18	001	009	004
Commercial	18	001	009	004
Commercial	20	001	009	005
Commercial	20	001	009	005
Commercial	31	001	009	006
Commercial	31	001	009	006
Commercial	37	001	009	007
Commercial	37	001	009	007
Commercial	25	001	009	008
Commercial	25	001	009	008
Commercial	35	001	009	010
Commercial	35	001	009	010
Commercial	33	001	009	011
Commercial	33	001	009	011
Commercial	28	001	010	001
Commercial	28	001	010	001

zName	equipmentMaxAge	z	b	n
Commercial	30	001	010	002
Commercial	30	001	010	002
Commercial	28	001	010	004
Commercial	28	001	010	004
Commercial	29	001	010	005
Commercial	29	001	010	005
Commercial	37	001	010	006
Commercial	37	001	010	006
Commercial	40	001	010	007
Commercial	40	001	010	007
Commercial	36	001	010	010
Commercial	36	001	010	010
Commercial	39	001	010	011
Commercial	39	001	010	011
Commercial	23	001	011	001
Commercial	23	001	011	001
Commercial	27	001	011	002
Commercial	27	001	011	002
Commercial	29	001	011	004
Commercial	29	001	011	004
Commercial	29	001	011	005
Commercial	29	001	011	005
Commercial	35	001	011	006
Commercial	35	001	011	006
Commercial	24	001	011	007
Commercial	24	001	011	007
Commercial	35	001	011	010
Commercial	35	001	011	010
Commercial	37	001	011	011
Commercial	37	001	011	011
Commercial	28	001	012	001
Commercial	28	001	012	001
Commercial	30	001	012	002
Commercial	30	001	012	002
Commercial	31	001	012	009
Commercial	31	001	012	009
Commercial	36	001	012	011
Commercial	36	001	012	011
Commercial	24	001	013	001
Commercial	24	001	013	001

zName	equipmentMaxAge	z	b	n
Commercial	27	001	013	002
Commercial	27	001	013	002
Commercial	36	001	013	011
Commercial	36	001	013	011
Commercial	18	001	014	001
Commercial	18	001	014	001
Commercial	21	001	014	002
Commercial	21	001	014	002
Commercial	29	001	014	008
Commercial	29	001	014	008
Commercial	12	001	014	009
Commercial	12	001	014	009
Commercial	22	001	014	011
Commercial	22	001	014	011

**San Diego Gas and Electric Company
GN3 Core Industrial DATA TABLES**

San Diego Gas and Electric Company
Industrial GN3
Core Industrial Demand Forecast (Mdth)
Average Temperature

Avg	<u>Model Output</u>		
YEAR	<u>GN-3 - Ind</u>	<u>IndGN3 EE/DSM</u>	<u>Core Ind Final</u>
2021	1621.6	0.0	1621.6
2022	1601.2	1.6	1599.6
2023	1576.8	3.2	1573.6
2024	1550.1	4.8	1545.4
2025	1527.5	6.2	1521.3
2026	1507.8	7.6	1500.2
2027	1488.2	9.2	1479.1

San Diego Gas and Electric Company
Industrial GN3
Core Industrial Demand Forecast (Mdth)
Cold Temperature

Cold	<u>Model Output</u>		
<u>YEAR</u>	<u>GN-3 - Ind</u>	<u>IndGN3 EE/DSM</u>	<u>Core Ind Final</u>
2021	1669.3	0.0	1669.3
2022	1648.2	1.6	1646.5
2023	1623.1	3.2	1619.8
2024	1595.6	4.8	1590.9
2025	1572.3	6.2	1566.1
2026	1551.9	7.6	1544.3
2027	1531.7	9.2	1522.5

San Diego Gas and Electric Company
Industrial GN3
Core Industrial Demand Forecast (Mdth)
Hot Temperature

Hot	Model Output		
<u>YEAR</u>	<u>GN-3 - Ind</u>	<u>IndGN3 EE/DSM</u>	<u>Core Ind Final</u>
2021	1573.8	0.0	1573.8
2022	1554.2	1.6	1552.6
2023	1530.6	3.2	1527.4
2024	1504.6	4.8	1499.8
2025	1482.7	6.2	1476.5
2026	1463.7	7.6	1456.1
2027	1444.8	9.2	1435.7

San Diego Gas and Electric Company
Industrial GN3
Core Industrial Demand Forecast (Mdth)
Base Temperature

Base	<u>Model Output</u>		
<u>YEAR</u>	<u>GN-3 - Ind</u>	<u>IndGN3 EE/DSM</u>	<u>Core Ind Final</u>
2021	1358.3	0.0	1358.3
2022	1342.1	1.6	1340.5
2023	1321.8	3.2	1318.6
2024	1299.1	4.8	1294.3
2025	1280.4	6.2	1274.2
2026	1264.7	7.6	1257.0
2027	1248.9	9.2	1239.7

**San Diego Gas and Electric Company
 Industrial GN3
 Historical Throughput and Customer Counts**

<u>Business Type</u>	<u>therms_</u> <u>2021</u> <u>Temp. Adj.</u>	<u>meters_</u> <u>2021</u> <u>Total</u>	<u>meters_</u> <u>2021</u> <u>ExCust</u>	<u>meters_</u> <u>2021</u> <u>NewCust</u>	<u>avgUse_</u> <u>2021</u> <u>ExCust</u>	<u>avgUse_</u> <u>2021</u> <u>NewCust</u>	<u>Price</u> <u>Elasticity</u>	<u>Employment</u> <u>Elasticity</u>
Mining	72309	7	7	0	10330	0	0.00000	0.32145
Food	2749924	301	300	1	9150	4817	0.00000	1.24251
Textile	37967	19	19	0	1998	0	0.00000	0.03333
Wood_Paper	14225	15	15	0	948	0	-0.11400	0.50827
Chemical	3105541	82	82	0	37872	0	0.00000	0.65007
Petroleum	1123	2	2	0	561	0	0.00000	0.08454
Stone	491830	28	27	1	17998	5896	0.00000	0.41691
Prim_Metal	455267	10	10	0	45527	0	0.00000	0.95669
Fab_Metal	945183	128	128	0	7384	0	0.00000	1.02388
Transport	2300963	67	67	0	34343	0	0.00000	0.40251
Misc	6041232	474	463	11	12649	16774	0.00000	0.87931

**San Diego Gas and Electric Company
Industrial GN3
Average Use Per Meter (therm)**

<u>Business Type</u>	<u>Fire_ Tube_ Boiler</u>	<u>Water_ Tube_ Boiler</u>	<u>Space_ Heat</u>	<u>Water_ Heat</u>	<u>Dryer</u>	<u>Furnace_ Oven_ Kiln</u>	<u>AC</u>	<u>Engine</u>	<u>Other</u>	<u>Total</u>
Mining	0	4925	34	1521	60	0	0	2	3786	10330
Food	1201	3830	31	1075	2006	3	27	32	945	9150
Textile	454	612	5	121	701	6	0	0	99	1998
Wood_Paper	190	511	20	55	68	5	0	0	99	948
Chemical	3556	13615	4989	3017	3732	1199	4	153	7607	37872
Petroleum	14	130	1	1	260	0	0	57	98	561
Stone	670	2488	72	742	6069	5157	1	0	2798	17998
Prim_Metal	2158	3401	447	2678	8685	23098	15	0	5045	45527
Fab_Metal	222	433	137	958	2053	1774	0	5	1801	7384
Transport	2071	8468	4788	4733	4468	2800	0	836	6179	34343
Misc	559	2507	808	1219	3733	913	0	43	2868	12649

**San Diego Gas and Electric Company
 Industrial GN3
 Use Per Meter for New Customers (therm)**

<u>Business Type</u>	<u>Fire_</u> <u>Tube_</u> <u>Boiler</u>	<u>Water_</u> <u>Tube_</u> <u>Boiler</u>	<u>Space_</u> <u>Heat</u>	<u>Water_</u> <u>Heat</u>	<u>Dryer</u>	<u>Furnace_</u> <u>Oven_</u> <u>Kiln</u>	<u>AC</u>	<u>Engine</u>	<u>Other</u>	<u>Total</u>
Mining	0	0	0	0	0	0	0	0	0	0
Food	724	2907	9	440	451	0	0	0	286	4817
Textile	0	0	0	0	0	0	0	0	0	0
Wood_Paper	0	0	0	0	0	0	0	0	0	0
Chemical	0	0	0	0	0	0	0	0	0	0
Petroleum	0	0	0	0	0	0	0	0	0	0
Stone	0	0	637	0	5259	0	0	0	0	5896
Prim_Metal	0	0	0	0	0	0	0	0	0	0
Fab_Metal	0	0	0	0	0	0	0	0	0	0
Transport	0	0	0	0	0	0	0	0	0	0
Misc	2460	2380	414	1092	4844	257	0	20	5306	16774

**San Diego Gas and Electric Company
Industrial GN3
Employment Forecast (in thousands)**

YEAR	Mining	Food	Textile	Wood Paper	Chemical	Petroleum	Stone	Primary Metal	Fabricated Metal	Transportation	Miscellaneous	Total
2021	2214	20571	1260	4856	7686	1533	2626	1629	13695	12885	45267	114221
2022	2261	20953	1240	4872	7854	1637	2629	1636	13769	13242	45620	115715
2023	2315	20980	1204	4803	7869	1601	2755	1595	14087	13884	45807	116901
2024	2342	21025	1177	4883	7764	1576	2846	1571	14600	13458	45706	116948
2025	2335	21327	1169	4936	7698	1553	2913	1567	14845	12967	45429	116739
2026	2320	21724	1180	4954	7684	1529	2946	1557	14898	12953	45078	116822
2027	2309	22029	1187	4897	7656	1493	2992	1546	14971	13187	44819	117088

San Diego Gas and Electric Company
Industrial GN3
Gas Price Forecast (\$/Therm)

(a) Average Price Forecast

<u>Year</u>	<u>Price</u> <u>Deflator</u>	<u>Chemical</u>	<u>Fabricated</u> <u>Metal</u>	<u>Food</u>	<u>Mining</u>	<u>Petroleum</u>	<u>Primary M</u> <u>etal</u>	<u>Stone</u>	<u>Textile</u>	<u>Transport</u>	<u>Wood Pa</u> <u>per</u>	<u>Misc</u>
2021	100.00	0.96	0.97	1.15	1.20	0.89	1.25	0.91	0.90	0.98	0.90	0.92
2022	105.03	1.24	1.25	1.42	1.47	1.17	1.51	1.18	1.18	1.25	1.17	1.19
2023	107.06	1.21	1.22	1.40	1.45	1.14	1.50	1.15	1.15	1.22	1.14	1.16
2024	109.29	1.12	1.14	1.32	1.37	1.05	1.41	1.06	1.06	1.14	1.05	1.08
2025	111.56	1.12	1.13	1.32	1.37	1.05	1.42	1.06	1.05	1.13	1.05	1.07
2026	114.02	1.14	1.15	1.35	1.39	1.06	1.44	1.08	1.07	1.15	1.07	1.09
2027	116.67	1.15	1.17	1.36	1.41	1.08	1.46	1.09	1.08	1.17	1.08	1.10

(b) Marginal Price Forecast

<u>Year</u>	<u>Price</u> <u>Deflator</u>	<u>Chemical</u>	<u>Fabricated</u> <u>Metal</u>	<u>Food</u>	<u>Mining</u>	<u>Petroleum</u>	<u>Primary M</u> <u>etal</u>	<u>Stone</u>	<u>Textile</u>	<u>Transport</u>	<u>Wood Pa</u> <u>per</u>	<u>Misc</u>
2021	100.00	0.87	0.91	1.05	1.09	0.85	1.11	0.86	0.86	0.89	0.84	0.85
2022	105.03	1.15	1.18	1.32	1.36	1.12	1.38	1.13	1.14	1.17	1.11	1.13
2023	107.06	1.12	1.15	1.30	1.34	1.09	1.36	1.10	1.11	1.14	1.08	1.10
2024	109.29	1.03	1.06	1.22	1.26	1.00	1.28	1.01	1.02	1.05	0.99	1.01
2025	111.56	1.03	1.06	1.22	1.26	1.00	1.28	1.01	1.02	1.05	0.99	1.01
2026	114.02	1.04	1.08	1.24	1.28	1.01	1.31	1.02	1.03	1.07	1.00	1.02
2027	116.67	1.05	1.09	1.26	1.30	1.02	1.33	1.03	1.04	1.08	1.01	1.03

**San Diego Gas and Electric Company
Industrial GN3
Electric Price Forecast (Cent/KWH)**

(a) Average Price Forecast

<u>Year</u>	<u>Chemical</u>	<u>Fab Metal</u>	<u>Food</u>	<u>Mining</u>	<u>Petroleum</u>	<u>Prim Metal</u>	<u>Stone</u>	<u>Textile</u>	<u>Transport</u>	<u>Wood Paper</u>	<u>Misc</u>
2021	20.39	20.65	24.43	25.41	18.94	26.40	19.18	19.09	20.66	18.99	19.44
2022	20.17	20.37	23.19	23.95	19.09	24.70	19.27	19.20	20.37	19.13	19.46
2023	20.83	21.04	24.18	24.98	19.62	25.79	19.82	19.74	21.05	19.66	20.03
2024	21.56	21.80	25.36	26.26	20.19	27.15	20.41	20.33	21.81	20.23	20.65
2025	22.66	22.92	26.74	27.69	21.18	28.64	21.42	21.33	22.93	21.23	21.68
2026	23.37	23.64	27.60	28.56	21.84	29.52	22.09	22.00	23.65	21.89	22.36
2027	24.10	24.39	28.50	29.49	22.50	30.47	22.76	22.67	24.39	22.56	23.05

(b) Marginal Price Forecast

<u>Year</u>	<u>Chemical</u>	<u>Fab Metal</u>	<u>Food</u>	<u>Mining</u>	<u>Petroleum</u>	<u>Prim Metal</u>	<u>Stone</u>	<u>Textile</u>	<u>Transport</u>	<u>Wood Paper</u>	<u>Misc</u>
2021	15.80	16.39	19.00	19.74	15.30	20.14	15.47	15.63	16.18	15.13	15.46
2022	15.72	16.15	18.06	18.60	15.36	18.88	15.48	15.60	16.00	15.23	15.47
2023	16.19	16.67	18.83	19.44	15.78	19.76	15.92	16.05	16.50	15.64	15.91
2024	16.72	17.28	19.75	20.45	16.26	20.82	16.41	16.56	17.08	16.09	16.40
2025	17.56	18.16	20.83	21.58	17.06	21.98	17.23	17.39	17.95	16.88	17.21
2026	18.10	18.72	21.50	22.28	17.58	22.70	17.75	17.92	18.50	17.39	17.74
2027	18.65	19.31	22.21	23.03	18.11	23.47	18.29	18.47	19.07	17.91	18.28

**San Diego Gas and Electric Company
 Industrial GN3
 Saturation Rate**

<u>Business Type</u>	<u>Fire_</u> <u>Tube_</u> <u>Boiler</u>	<u>Water_</u> <u>Tube_</u> <u>Boiler</u>	<u>Space_</u> <u>Heat</u>	<u>Water_</u> <u>Heat</u>	<u>Dryer</u>	<u>Furnace_</u> <u>Oven_</u> <u>Kiln</u>	<u>AC</u>	<u>Engine</u>	<u>Other</u>
Mining	0.01	0.01	0.73	0.73	0.03	0.06	0.64	0.87	1.00
Food	0.45	0.45	0.60	0.85	0.12	0.33	0.73	0.70	1.00
Textile	0.26	0.26	0.70	0.71	0.14	0.09	0.72	0.46	1.00
Wood_Paper	0.01	0.01	0.62	0.77	0.09	0.07	0.71	0.50	1.00
Chemical	0.14	0.14	0.73	0.73	0.12	0.10	0.74	0.70	1.00
Petroleum	0.14	0.14	0.73	0.73	0.12	0.10	0.74	0.70	1.00
Stone	0.01	0.01	0.73	0.73	0.03	0.06	0.64	0.87	1.00
Prim_Metal	0.07	0.07	0.73	0.76	0.15	0.10	0.68	0.86	1.00
Fab_Metal	0.07	0.07	0.73	0.76	0.15	0.10	0.68	0.86	1.00
Transport	0.14	0.14	0.73	0.73	0.12	0.10	0.74	0.70	1.00
Misc	0.14	0.14	0.73	0.73	0.12	0.10	0.74	0.70	1.00

**San Diego Gas and Electric Company
 Industrial GN3
 The Year the Equipment Was Installed by Business Types**

<u>Business Type</u>	<u>Fire_</u> <u>Tube_</u> <u>Boiler</u>	<u>Water_</u> <u>Tube_</u> <u>Boiler</u>	<u>Space_</u> <u>Heat</u>	<u>Water_</u> <u>Heat</u>	<u>Dryer</u>	<u>Furnace_</u> <u>Oven_</u> <u>Kiln</u>	<u>AC</u>	<u>Engine</u>	<u>Other</u>
Mining	2002	1980	1979	1980	1968	1978	.	1970	1976
Food	2004	1999	2002	1992	1992	2002	1965	1994	1983
Textile	1999	1998	1994	1982	1992	1982	.	.	1980
Wood_Paper	1997	1994	1995	1981	1981	2006	.	.	1975
Chemical	2005	1995	2002	1986	1985	1981	.	1999	1976
Petroleum	2006	1990	2002	1975	1981	1971	.	.	1977
Stone	2007	1983	1996	1982	1982	1982	1985	2014	1975
Prim_Metal	1993	1991	1987	1982	1978	1982	.	1996	1976
Fab_Metal	2002	1989	1986	1980	1984	1980	.	1984	1975
Transport	1993	1994	1996	1981	1987	1983	1973	2003	1976
Misc	1996	1995	1994	1981	1987	1978	1984	1999	1978

**San Diego Gas and Electric Company
Industrial GN3
Electric UEC (Kwh/SqFt)**

<u>Business Type</u>	<u>Fire_</u> <u>Tube_</u> <u>Boiler</u>	<u>Water_</u> <u>Tube_</u> <u>Boiler</u>	<u>Space_</u> <u>Heat</u>	<u>Water_</u> <u>Heat</u>	<u>Dryer</u>	<u>Furnace_</u> <u>Oven_</u> <u>Kiln</u>	<u>AC</u>	<u>Engine</u>	<u>Other</u>
Mining	0	154	1	47	2	0	0	0	118
Food	895	2834	23	805	1508	2	20	24	719
Textile	255	345	3	68	395	4	0	0	56
Wood_Paper	205	551	21	59	74	6	0	0	107
Chemical	196	750	275	166	206	66	0	8	419
Petroleum	29	277	2	2	554	0	0	122	209
Stone	19	69	2	20	167	142	0	0	77
Primary_Metal	52	82	10	64	208	555	0	0	121
Fabricated_Metal	73	142	45	313	671	580	0	2	589
Transportation	84	341	193	191	180	113	0	34	250
Miscellaneous	160	722	227	349	1067	262	0	12	826

**San Diego Gas and Electric Company
Industrial GN3
Gas UEC (Therm per SqFt)**

<u>Business Type</u>	<u>Fire_ Tube_ Boiler</u>	<u>Water_ Tube_ Boiler</u>	<u>Space_ Heat</u>	<u>Water_ Heat</u>	<u>Dryer</u>	<u>Furnace_ Oven_ Kiln</u>	<u>AC</u>	<u>Engine</u>	<u>Other</u>
Mining	587697	5728	1099	281	163309	67709	159	140010	4169
Food	48371	11453	3801	1088	51807	38092	1210	56748	3383
Textile	69640	18095	1014	2073	185827	52133	3638	0	905
Wood_Paper	538832	176840	2355	199	25503	48049	160	0	1333
Chemical	57040	32092	1693	1327	1288	28940	79	36	3051
Petroleum	74485	18782	766	1037	670974	2971	0	4932	10241
Stone	241878	48074	1559	1558	334016	304106	1844	0	1204
Primary_Metal	8499	26852	2693	636	1243	678517	3232	0	2343
Fabricated_Metal	29520	28816	2697	591	2811	101640	281	0	2435
Transportation	3723	2169	1490	443	11159	19127	71	353	373
Miscellaneous	7219	5077	1109	319	8838	49023	413	859	952

**San Diego Gas and Electric Company
Industrial GN3
Gas Market Shares**

<u>Business Type</u>	<u>Fire_</u> <u>Tube_</u> <u>Boiler</u>	<u>Water_</u> <u>Tube_</u> <u>Boiler</u>	<u>Space_</u> <u>Heat</u>	<u>Water_</u> <u>Heat</u>	<u>Dryer</u>	<u>Furnace_</u> <u>Oven_</u> <u>Kiln</u>	<u>AC</u>	<u>Engine</u>	<u>Other</u>
Chemical	0.0000	0.2778	0.2361	0.5000	0.0278	0.0139	0.0000	0.0278	0.7222
Fabricated_Metal	0.0636	0.2139	0.1445	0.7737	0.2362	0.0107	0.0025	0.0091	0.7399
Food	0.1978	0.3077	0.1648	0.4286	0.5714	0.0275	0.0000	0.0000	0.4451
Mining	0.0533	0.2067	0.2000	0.5333	0.2267	0.0533	0.0000	0.0133	0.6533
Miscellaneous	0.0685	0.3227	0.2714	0.5795	0.2054	0.0293	0.0024	0.0342	0.6113
Petroleum	0.0741	0.2407	0.1667	0.2222	0.2593	0.0370	0.0000	0.0556	0.5741
Primary_Metal	0.0315	0.1132	0.2201	0.4717	0.2579	0.3208	0.0189	0.0126	0.5912
Stone	0.0328	0.0929	0.2077	0.5519	0.3279	0.4918	0.0055	0.0109	0.5902
Textile	0.0136	0.0819	0.1733	0.5703	0.3192	0.1242	0.0014	0.0096	0.7121
Transportation	0.0159	0.0680	0.1996	0.4966	0.1973	0.0794	0.0000	0.0091	0.7732
Wood_Paper	0.0153	0.1153	0.2116	0.5312	0.2386	0.0677	0.0016	0.0095	0.7254

SDG&E Non-Core Demand Equations, before energy efficiency and carbon-fee adjustments (MDth)

Cogeneration (MDTH_CGNNC_SD)

Cochrane-Orcutt

MONTHLY data for 191 periods from FEB 2006 to DEC 2021

mdth_cgnnc_sd

$$= 5.71533 * eisd/1000 \\ (36.9604)$$

Sum Sq	736551	Std Err	62.4267	LHS Mean	600.549
R Sq	0.6150	R Bar Sq	0.6130	F	1,189 301.903
D.W.(1)	2.2305	D.W.(12)	1.6529		

$$AR_0 = + 0.72374 * AR_1 \\ (14.6347)$$

Commercial (MDTH_COMNC_SD)

Cochrane-Orcutt

MONTHLY data for 191 periods from FEB 2006 to DEC 2021

mdth_comnc_sd

$$= 0.15232 * ecsd/1000 + 103.108 * dum2006janmay \\ (22.3410) \quad (3.59493)$$

Sum Sq	120859	Std Err	25.3529	LHS Mean	198.113	Res Mean	0.3062
R Sq	0.7152	R Bar Sq	0.7122	F	3,188 157.359	%RMSE	12.3654
D.W.(1)	2.3181	D.W.(12)	1.1606				

$$AR_0 = + 0.78718 * AR_1 \\ (19.1190)$$

Industrial (MDTH_INDNC_SD)

Cochrane-Orcutt

MONTHLY data for 190 periods from MAR 2006 to DEC 2021

Date: 18 APR 2050

mdth_indnc_sd

$$= 1.70458 * eisd/1000 - 40.7312 * dum2013sepoct \\ (23.3199) \quad (3.54474)$$

$$+ 86.1081 * dum2015mar \\ (4.79250)$$

Sum Sq	79187.6	Std Err	20.6891	LHS Mean	177.106
R Sq	0.6707	R Bar Sq	0.6636	F	5,185 75.3558
D.W.(1)	2.0965	D.W.(12)	1.3721		

$$AR_0 = + 0.46526 * AR_1 + 0.33976 * AR_2 \\ (6.66787) \quad (4.88571)$$

ANNUAL SUMMARY

SDG&E Noncore Commercial & Industrial Demand (MDth)				San Diego County Employment			Cumulative	Cumulative	Carbon Fee Impact				
Adjusted with DSM and Carbon-Fee Impacts			Unadjusted (from regression equations)			Commercial	Industrial	DSM Cmcl	DSM Indl.	Cogen	Industrial		
Cogeneration	Commercial	Industrial	Cogeneration	Commercial	Industrial	ECSD	EISD	(MDth)	(MDth)	(MDth)	(MDth)		
2006	6,253	3,757	1,374	6,253	3,757	1,374	1,219,908	104,800	0	0	0	0	
2007	6,353	2,560	1,483	6,353	2,560	1,483	1,229,900	103,292	0	0	0	0	
2008	6,861	2,546	1,886	6,861	2,546	1,886	1,221,750	103,658	0	0	0	0	
2009	7,268	2,536	1,670	7,268	2,536	1,670	1,161,733	97,558	0	0	0	0	
2010	6,371	2,559	1,912	6,371	2,559	1,912	1,154,933	96,058	0	0	0	0	
2011	6,577	2,525	2,019	6,577	2,525	2,019	1,163,158	96,892	0	0	0	0	
2012	7,015	2,390	2,262	7,015	2,390	2,262	1,193,900	98,675	0	0	0	0	
2013	6,872	2,193	2,162	6,872	2,193	2,162	1,225,875	99,858	0	0	0	0	
2014	6,616	1,912	2,088	6,616	1,912	2,088	1,251,275	102,800	0	0	0	0	
2015	6,526	2,066	2,289	6,526	2,066	2,289	1,287,017	106,867	0	0	0	0	
2016	7,460	2,155	2,336	7,460	2,155	2,336	1,322,825	108,692	0	0	0	0	
2017	8,829	2,010	2,361	8,829	2,010	2,361	1,351,275	109,700	0	0	0	0	
2018	10,130	2,016	2,476	10,130	2,016	2,476	1,378,792	112,708	0	0	0	0	
2019	7,234	2,328	2,438	7,234	2,328	2,438	1,396,850	116,017	0	0	0	0	
2020	7,433	2,319	2,522	7,433	2,319	2,522	1,280,325	114,150	0	0	0	0	
2021	7,346	2,422	2,620	7,346	2,422	2,620	1,304,200	114,221	0	0	0	0	
2022	7,783	2,602	2,594	7,846	2,610	2,615	1,372,426	115,716	-8	-7	-64	-14	
2023	7,936	2,554	2,402	8,016	2,572	2,432	1,403,960	116,902	-18	-15	-80	-16	
2024	7,913	2,570	2,357	8,021	2,598	2,399	1,421,305	116,949	-28	-22	-108	-20	
2025	7,883	2,586	2,337	8,006	2,625	2,389	1,436,209	116,738	-39	-28	-123	-23	
2026	7,876	2,603	2,330	8,012	2,653	2,390	1,451,643	116,822	-50	-35	-136	-25	
2027	7,879	2,613	2,325	8,030	2,675	2,395	1,463,673	117,088	-62	-42	-151	-28	
2028	7,847	2,621	2,310	8,014	2,696	2,390	1,474,754	116,843	-75	-49	-167	-31	
2029	7,813	2,626	2,294	7,995	2,713	2,384	1,484,445	116,567	-88	-56	-181	-34	
2030	7,775	2,628	2,276	7,970	2,729	2,377	1,493,273	116,208	-101	-64	-195	-37	
2031	7,758	2,625	2,265	7,968	2,740	2,376	1,499,305	116,181	-115	-71	-210	-40	
2032	7,742	2,631	2,262	7,966	2,753	2,376	1,505,891	116,148	-122	-72	-224	-43	
2033	7,720	2,641	2,257	7,965	2,767	2,375	1,514,036	116,131	-127	-72	-244	-47	
2034	7,688	2,651	2,249	7,954	2,781	2,372	1,521,652	115,972	-130	-73	-266	-51	
2035	7,663	2,661	2,242	7,949	2,794	2,371	1,528,779	115,900	-134	-73	-286	-55	
0.30%				0.67%				-1.10%				<==Average annual growth, 2021 - 2035.	
7.1				2.4				2.5				<==2021 BCF figures for 2022 GCR narrative (converted from MDth using 1.0298 SDG&E therm factor)	
7.4				2.6				2.2				<==2035 BCF figures for 2022 GCR narrative (converted from MDth using 1.0298 SDG&E therm factor)	

MONTHLY

SDG&E Noncore Commercial & Industrial Demand (MDth)				San Diego County Employment			Cumulative	Cumulative	Carbon Fee Impact			
Adjusted with DSM and Carbon-Fee Impacts			Unadjusted (from regression equations)			Commercial	Industrial	DSM Cmcl	DSM Indl.	Cogen	Industrial	
Month	Cogeneration	Commercial	Industrial	Cogeneration	Commercial	Industrial	ECSD	EISD	(MDth)	(MDth)	(MDth)	(MDth)
Jan-06	440.5	453.7	119.7	440.5	453.7	119.7	1,195,300	104,100	0.0	0.0	0.0	0.0
Feb-06	482.3	449.3	128.8	482.3	449.3	128.8	1,204,900	104,600	0.0	0.0	0.0	0.0
Mar-06	452.1	409.3	108.2	452.1	409.3	108.2	1,211,500	105,200	0.0	0.0	0.0	0.0
Apr-06	458.3	474.6	130.8	458.3	474.6	130.8	1,213,500	104,800	0.0	0.0	0.0	0.0
May-06	478.6	351.8	134.1	478.6	351.8	134.1	1,222,000	105,100	0.0	0.0	0.0	0.0
Jun-06	509.0	244.8	126.5	509.0	244.8	126.5	1,230,200	105,600	0.0	0.0	0.0	0.0
Jul-06	515.5	231.9	133.6	515.5	231.9	133.6	1,215,600	105,400	0.0	0.0	0.0	0.0
Aug-06	575.8	206.3	98.9	575.8	206.3	98.9	1,220,200	105,000	0.0	0.0	0.0	0.0
Sep-06	586.2	222.2	117.8	586.2	222.2	117.8	1,225,400	104,800	0.0	0.0	0.0	0.0
Oct-06	642.8	214.9	97.9	642.8	214.9	97.9	1,226,300	104,200	0.0	0.0	0.0	0.0
Nov-06	557.5	257.5	96.4	557.5	257.5	96.4	1,236,100	104,400	0.0	0.0	0.0	0.0
Dec-06	554.0	240.2	80.9	554.0	240.2	80.9	1,237,900	104,400	0.0	0.0	0.0	0.0
Jan-07	534.6	235.9	100.4	534.6	235.9	100.4	1,208,000	103,500	0.0	0.0	0.0	0.0
Feb-07	521.6	274.8	127.9	521.6	274.8	127.9	1,217,200	103,300	0.0	0.0	0.0	0.0
Mar-07	505.7	236.5	97.4	505.7	236.5	97.4	1,225,300	103,600	0.0	0.0	0.0	0.0
Apr-07	529.4	263.3	123.3	529.4	263.3	123.3	1,224,900	102,400	0.0	0.0	0.0	0.0
May-07	492.1	228.3	122.3	492.1	228.3	122.3	1,233,700	102,500	0.0	0.0	0.0	0.0
Jun-07	552.0	207.0	123.9	552.0	207.0	123.9	1,241,900	102,600	0.0	0.0	0.0	0.0
Jul-07	516.9	169.5	118.6	516.9	169.5	118.6	1,231,600	103,500	0.0	0.0	0.0	0.0
Aug-07	561.6	167.8	127.4	561.6	167.8	127.4	1,232,700	103,200	0.0	0.0	0.0	0.0
Sep-07	573.0	172.0	141.3	573.0	172.0	141.3	1,232,800	102,900	0.0	0.0	0.0	0.0
Oct-07	547.2	162.9	118.7	547.2	162.9	118.7	1,231,200	103,500	0.0	0.0	0.0	0.0
Nov-07	526.8	201.1	140.0	526.8	201.1	140.0	1,237,500	104,000	0.0	0.0	0.0	0.0
Dec-07	492.6	240.6	142.0	492.6	240.6	142.0	1,242,000	104,500	0.0	0.0	0.0	0.0
Jan-08	512.7	244.4	138.1	512.7	244.4	138.1	1,211,600	103,500	0.0	0.0	0.0	0.0
Feb-08	531.0	263.2	147.7	531.0	263.2	147.7	1,220,800	103,500	0.0	0.0	0.0	0.0
Mar-08	488.8	233.0	165.5	488.8	233.0	165.5	1,226,200	103,900	0.0	0.0	0.0	0.0
Apr-08	517.9	234.3	164.5	517.9	234.3	164.5	1,226,500	103,800	0.0	0.0	0.0	0.0
May-08	495.9	192.1	166.6	495.9	192.1	166.6	1,230,600	103,900	0.0	0.0	0.0	0.0
Jun-08	547.0	208.4	171.5	547.0	208.4	171.5	1,234,200	104,200	0.0	0.0	0.0	0.0
Jul-08	608.1	171.2	169.1	608.1	171.2	169.1	1,222,300	104,000	0.0	0.0	0.0	0.0
Aug-08	638.6	182.4	172.7	638.6	182.4	172.7	1,222,100	104,200	0.0	0.0	0.0	0.0
Sep-08	665.8	196.6	170.8	665.8	196.6	170.8	1,218,800	103,800	0.0	0.0	0.0	0.0
Oct-08	657.2	209.0	150.2	657.2	209.0	150.2	1,217,500	103,700	0.0	0.0	0.0	0.0
Nov-08	618.7	238.4	145.6	618.7	238.4	145.6	1,217,200	103,000	0.0	0.0	0.0	0.0
Dec-08	579.8	172.6	124.2	579.8	172.6	124.2	1,213,200	102,400	0.0	0.0	0.0	0.0
Jan-09	552.8	216.3	117.6	552.8	216.3	117.6	1,175,700	102,500	0.0	0.0	0.0	0.0
Feb-09	520.2	224.2	123.4	520.2	224.2	123.4	1,173,100	101,500	0.0	0.0	0.0	0.0
Mar-09	523.1	232.7	149.7	523.1	232.7	149.7	1,171,800	100,400	0.0	0.0	0.0	0.0
Apr-09	603.3	235.2	143.8	603.3	235.2	143.8	1,167,400	98,900	0.0	0.0	0.0	0.0
May-09	598.0	274.0	118.7	598.0	274.0	118.7	1,170,700	97,700	0.0	0.0	0.0	0.0
Jun-09	651.5	181.9	110.2	651.5	181.9	110.2	1,169,900	97,100	0.0	0.0	0.0	0.0
Jul-09	610.6	176.4	147.9	610.6	176.4	147.9	1,146,400	96,400	0.0	0.0	0.0	0.0
Aug-09	713.0	174.7	146.0	713.0	174.7	146.0	1,147,100	95,900	0.0	0.0	0.0	0.0
Sep-09	664.7	204.6	159.0	664.7	204.6	159.0	1,143,000	95,400	0.0	0.0	0.0	0.0
Oct-09	670.1	204.3	146.9	670.1	204.3	146.9	1,154,200	95,100	0.0	0.0	0.0	0.0

Nov-09	659.9	198.1	171.5	659.9	198.1	171.5	1,160,300	94,900	0.0	0.0	0.0	0.0
Dec-09	501.0	214.1	135.5	501.0	214.1	135.5	1,161,200	94,900	0.0	0.0	0.0	0.0
Jan-10	545.7	223.0	144.0	545.7	223.0	144.0	1,131,900	95,100	0.0	0.0	0.0	0.0
Feb-10	544.5	220.6	138.3	544.5	220.6	138.3	1,136,200	95,000	0.0	0.0	0.0	0.0
Mar-10	493.1	206.2	128.2	493.1	206.2	128.2	1,140,900	95,600	0.0	0.0	0.0	0.0
Apr-10	562.2	207.0	157.0	562.2	207.0	157.0	1,153,600	96,400	0.0	0.0	0.0	0.0
May-10	518.4	202.3	142.8	518.4	202.3	142.8	1,164,900	96,400	0.0	0.0	0.0	0.0
Jun-10	519.9	221.2	169.0	519.9	221.2	169.0	1,166,800	96,300	0.0	0.0	0.0	0.0
Jul-10	532.8	204.3	178.4	532.8	204.3	178.4	1,154,600	96,100	0.0	0.0	0.0	0.0
Aug-10	551.2	216.1	169.4	551.2	216.1	169.4	1,157,300	96,400	0.0	0.0	0.0	0.0
Sep-10	531.0	207.9	177.2	531.0	207.9	177.2	1,156,100	96,100	0.0	0.0	0.0	0.0
Oct-10	520.2	199.5	176.3	520.2	199.5	176.3	1,162,000	96,200	0.0	0.0	0.0	0.0
Nov-10	501.0	228.3	176.5	501.0	228.3	176.5	1,166,100	96,300	0.0	0.0	0.0	0.0
Dec-10	550.5	223.0	155.0	550.5	223.0	155.0	1,168,800	96,800	0.0	0.0	0.0	0.0
Jan-11	545.1	246.1	144.0	545.1	246.1	144.0	1,146,900	96,400	0.0	0.0	0.0	0.0
Feb-11	532.2	229.5	168.8	532.2	229.5	168.8	1,155,100	96,300	0.0	0.0	0.0	0.0
Mar-11	473.1	226.4	167.9	473.1	226.4	167.9	1,159,100	96,500	0.0	0.0	0.0	0.0
Apr-11	560.3	223.0	165.2	560.3	223.0	165.2	1,161,700	96,400	0.0	0.0	0.0	0.0
May-11	538.6	196.6	152.3	538.6	196.6	152.3	1,164,500	96,600	0.0	0.0	0.0	0.0
Jun-11	574.3	197.8	175.0	574.3	197.8	175.0	1,167,500	97,200	0.0	0.0	0.0	0.0
Jul-11	557.5	189.0	179.9	557.5	189.0	179.9	1,156,200	97,000	0.0	0.0	0.0	0.0
Aug-11	579.9	203.0	186.5	579.9	203.0	186.5	1,158,500	97,100	0.0	0.0	0.0	0.0
Sep-11	592.4	186.9	190.3	592.4	186.9	190.3	1,162,500	97,200	0.0	0.0	0.0	0.0
Oct-11	569.8	186.4	169.1	569.8	186.4	169.1	1,168,400	97,100	0.0	0.0	0.0	0.0
Nov-11	508.9	235.3	176.8	508.9	235.3	176.8	1,177,500	97,200	0.0	0.0	0.0	0.0
Dec-11	544.5	205.2	143.1	544.5	205.2	143.1	1,180,000	97,700	0.0	0.0	0.0	0.0
Jan-12	550.3	211.5	178.1	550.3	211.5	178.1	1,157,100	96,500	0.0	0.0	0.0	0.0
Feb-12	536.4	199.7	191.4	536.4	199.7	191.4	1,166,400	96,800	0.0	0.0	0.0	0.0
Mar-12	572.9	216.2	193.5	572.9	216.2	193.5	1,173,700	96,900	0.0	0.0	0.0	0.0
Apr-12	543.7	194.9	192.6	543.7	194.9	192.6	1,190,700	97,800	0.0	0.0	0.0	0.0
May-12	583.8	193.8	204.5	583.8	193.8	204.5	1,199,900	98,300	0.0	0.0	0.0	0.0
Jun-12	577.0	181.4	184.8	577.0	181.4	184.8	1,207,600	98,600	0.0	0.0	0.0	0.0
Jul-12	614.6	183.3	201.1	614.6	183.3	201.1	1,191,300	99,500	0.0	0.0	0.0	0.0
Aug-12	648.5	170.2	213.0	648.5	170.2	213.0	1,196,700	99,900	0.0	0.0	0.0	0.0
Sep-12	637.5	153.4	187.7	637.5	153.4	187.7	1,197,100	99,600	0.0	0.0	0.0	0.0
Oct-12	593.8	207.1	195.8	593.8	207.1	195.8	1,207,500	99,700	0.0	0.0	0.0	0.0
Nov-12	579.8	246.2	175.4	579.8	246.2	175.4	1,218,200	100,100	0.0	0.0	0.0	0.0
Dec-12	576.3	231.9	144.1	576.3	231.9	144.1	1,220,600	100,400	0.0	0.0	0.0	0.0
Jan-13	570.7	261.6	180.2	570.7	261.6	180.2	1,197,700	99,200	0.0	0.0	0.0	0.0
Feb-13	517.6	222.7	174.0	517.6	222.7	174.0	1,206,200	99,500	0.0	0.0	0.0	0.0
Mar-13	590.1	205.1	189.7	590.1	205.1	189.7	1,213,900	99,700	0.0	0.0	0.0	0.0
Apr-13	564.5	210.2	199.8	564.5	210.2	199.8	1,219,800	99,600	0.0	0.0	0.0	0.0
May-13	596.3	165.6	181.8	596.3	165.6	181.8	1,225,200	99,400	0.0	0.0	0.0	0.0
Jun-13	585.2	144.9	195.6	585.2	144.9	195.6	1,231,900	99,300	0.0	0.0	0.0	0.0
Jul-13	632.1	138.9	182.3	632.1	138.9	182.3	1,219,900	99,800	0.0	0.0	0.0	0.0
Aug-13	605.3	140.7	195.8	605.3	140.7	195.8	1,225,400	99,800	0.0	0.0	0.0	0.0
Sep-13	589.2	149.1	126.8	589.2	149.1	126.8	1,225,800	99,900	0.0	0.0	0.0	0.0
Oct-13	610.1	158.8	202.2	610.1	158.8	202.2	1,240,500	100,300	0.0	0.0	0.0	0.0
Nov-13	480.3	198.8	183.2	480.3	198.8	183.2	1,251,500	100,700	0.0	0.0	0.0	0.0
Dec-13	530.8	196.8	150.5	530.8	196.8	150.5	1,252,700	101,100	0.0	0.0	0.0	0.0
Jan-14	554.7	176.7	203.1	554.7	176.7	203.1	1,222,900	100,700	0.0	0.0	0.0	0.0
Feb-14	464.9	171.6	164.5	464.9	171.6	164.5	1,232,600	100,900	0.0	0.0	0.0	0.0
Mar-14	535.6	215.1	143.6	535.6	215.1	143.6	1,239,800	101,000	0.0	0.0	0.0	0.0
Apr-14	553.0	171.6	189.7	553.0	171.6	189.7	1,243,200	101,800	0.0	0.0	0.0	0.0
May-14	562.2	142.8	187.1	562.2	142.8	187.1	1,249,700	102,100	0.0	0.0	0.0	0.0
Jun-14	555.6	131.4	178.0	555.6	131.4	178.0	1,256,800	102,600	0.0	0.0	0.0	0.0
Jul-14	577.1	132.8	198.2	577.1	132.8	198.2	1,244,800	103,200	0.0	0.0	0.0	0.0
Aug-14	579.6	131.7	165.5	579.6	131.7	165.5	1,253,300	103,500	0.0	0.0	0.0	0.0
Sep-14	598.3	122.9	175.8	598.3	122.9	175.8	1,253,300	103,600	0.0	0.0	0.0	0.0
Oct-14	545.5	189.5	191.0	545.5	189.5	191.0	1,264,000	104,200	0.0	0.0	0.0	0.0
Nov-14	556.4	152.7	164.3	556.4	152.7	164.3	1,276,600	104,700	0.0	0.0	0.0	0.0
Dec-14	533.4	173.1	127.6	533.4	173.1	127.6	1,278,300	105,300	0.0	0.0	0.0	0.0
Jan-15	531.8	175.6	175.7	531.8	175.6	175.7	1,256,100	104,800	0.0	0.0	0.0	0.0
Feb-15	499.5	143.8	167.7	499.5	143.8	167.7	1,262,400	105,100	0.0	0.0	0.0	0.0
Mar-15	579.2	149.7	273.4	579.2	149.7	273.4	1,268,600	105,800	0.0	0.0	0.0	0.0
Apr-15	539.7	180.0	203.6	539.7	180.0	203.6	1,275,000	105,700	0.0	0.0	0.0	0.0
May-15	573.7	149.0	200.2	573.7	149.0	200.2	1,285,000	106,200	0.0	0.0	0.0	0.0
Jun-15	590.9	142.7	186.3	590.9	142.7	186.3	1,288,200	106,800	0.0	0.0	0.0	0.0
Jul-15	595.0	148.3	203.9	595.0	148.3	203.9	1,287,400	107,800	0.0	0.0	0.0	0.0
Aug-15	586.5	157.1	175.1	586.5	157.1	175.1	1,290,300	108,200	0.0	0.0	0.0	0.0
Sep-15	561.7	147.7	159.3	561.7	147.7	159.3	1,290,900	107,900	0.0	0.0	0.0	0.0
Oct-15	546.8	195.0	169.0	546.8	195.0	169.0	1,307,100	107,900	0.0	0.0	0.0	0.0
Nov-15	452.0	225.6	180.2	452.0	225.6	180.2	1,316,700	108,000	0.0	0.0	0.0	0.0
Dec-15	469.7	251.3	194.0	469.7	251.3	194.0	1,316,500	108,200	0.0	0.0	0.0	0.0
Jan-16	525.5	247.4	178.3	525.5	247.4	178.3	1,291,600	107,800	0.0	0.0	0.0	0.0
Feb-16	529.4	201.9	191.9	529.4	201.9	191.9	1,302,700	107,900	0.0	0.0	0.0	0.0
Mar-16	554.3	202.2	201.0	554.3	202.2	201.0	1,303,300	107,900	0.0	0.0	0.0	0.0
Apr-16	542.0	171.6	193.5	542.0	171.6	193.5	1,317,700	108,200	0.0	0.0	0.0	0.0
May-16	575.3	161.4	203.6	575.3	161.4	203.6	1,323,000	108,300	0.0	0.0	0.0	0.0
Jun-16	555.0	151.0	219.0	555.0	151.0	219.0	1,323,500	108,700	0.0	0.0	0.0	0.0
Jul-16	657.4	155.6	183.8	657.4	155.6	183.8	1,320,200	109,400	0.0	0.0	0.0	0.0
Aug-16	706.9	154.9	213.4	706.9	154.9	213.4	1,325,400	108,900	0.0	0.0	0.0	0.0
Sep-16	675.6	160.3	196.9	675.6	160.3	196.9	1,328,800	108,600	0.0	0.0	0.0	0.0
Oct-16	643.6	170.4	194.8	643.6	170.4	194.8	1,339,100	109,500	0.0	0.0	0.0	0.0
Nov-16	728.6	189.0	178.9	728.6	189.0	178.9	1,349,400	109,500	0.0	0.0	0.0	0.0
Dec-16	766.3	189.1	180.5	766.3	189.1	180.5	1,349,200	109,600	0.0	0.0	0.0	0.0
Jan-17	677.2	209.9	218.6	677.2	209.9	218.6	1,324,200	108,300	0.0	0.0	0.0	0.0

Feb-17	677.7	163.8	204.6	677.7	163.8	204.6	1,333,100	108,500	0.0	0.0	0.0	0.0
Mar-17	756.2	186.8	208.1	756.2	186.8	208.1	1,337,200	108,500	0.0	0.0	0.0	0.0
Apr-17	682.2	176.6	216.4	682.2	176.6	216.4	1,345,700	108,700	0.0	0.0	0.0	0.0
May-17	672.0	161.4	193.2	672.0	161.4	193.2	1,351,300	108,800	0.0	0.0	0.0	0.0
Jun-17	754.3	150.6	219.2	754.3	150.6	219.2	1,358,700	109,600	0.0	0.0	0.0	0.0
Jul-17	687.2	171.4	195.5	687.2	171.4	195.5	1,343,400	110,900	0.0	0.0	0.0	0.0
Aug-17	833.1	153.5	205.4	833.1	153.5	205.4	1,347,700	110,800	0.0	0.0	0.0	0.0
Sep-17	750.5	132.5	153.1	750.5	132.5	153.1	1,352,600	110,300	0.0	0.0	0.0	0.0
Oct-17	748.3	154.5	180.6	748.3	154.5	180.6	1,367,000	110,500	0.0	0.0	0.0	0.0
Nov-17	832.7	158.8	173.3	832.7	158.8	173.3	1,377,000	110,300	0.0	0.0	0.0	0.0
Dec-17	758.0	190.1	193.3	758.0	190.1	193.3	1,377,400	111,200	0.0	0.0	0.0	0.0
Jan-18	793.0	177.9	218.8	793.0	177.9	218.8	1,357,000	111,000	0.0	0.0	0.0	0.0
Feb-18	729.9	155.3	156.1	729.9	155.3	156.1	1,367,400	111,300	0.0	0.0	0.0	0.0
Mar-18	667.5	184.2	192.8	667.5	184.2	192.8	1,371,200	111,700	0.0	0.0	0.0	0.0
Apr-18	660.2	171.2	226.2	660.2	171.2	226.2	1,375,900	111,500	0.0	0.0	0.0	0.0
May-18	835.7	160.6	236.0	835.7	160.6	236.0	1,379,100	112,200	0.0	0.0	0.0	0.0
Jun-18	752.8	153.9	209.3	752.8	153.9	209.3	1,385,300	113,200	0.0	0.0	0.0	0.0
Jul-18	970.1	160.6	189.1	970.1	160.6	189.1	1,371,200	113,800	0.0	0.0	0.0	0.0
Aug-18	1,055.9	130.5	238.1	1,055.9	130.5	238.1	1,376,700	113,600	0.0	0.0	0.0	0.0
Sep-18	915.2	140.2	209.2	915.2	140.2	209.2	1,375,500	113,000	0.0	0.0	0.0	0.0
Oct-18	723.7	181.1	210.3	723.7	181.1	210.3	1,389,000	113,400	0.0	0.0	0.0	0.0
Nov-18	1,072.2	187.9	202.8	1,072.2	187.9	202.8	1,398,100	113,700	0.0	0.0	0.0	0.0
Dec-18	953.2	212.5	187.7	953.2	212.5	187.7	1,399,100	114,100	0.0	0.0	0.0	0.0
Jan-19	638.6	208.4	260.4	638.6	208.4	260.4	1,377,400	113,100	0.0	0.0	0.0	0.0
Feb-19	572.1	217.0	209.7	572.1	217.0	209.7	1,383,100	113,800	0.0	0.0	0.0	0.0
Mar-19	414.6	198.1	240.5	414.6	198.1	240.5	1,386,600	114,000	0.0	0.0	0.0	0.0
Apr-19	621.6	178.4	212.6	621.6	178.4	212.6	1,392,800	114,300	0.0	0.0	0.0	0.0
May-19	612.2	185.3	202.7	612.2	185.3	202.7	1,397,600	114,900	0.0	0.0	0.0	0.0
Jun-19	587.5	175.9	176.5	587.5	175.9	176.5	1,402,600	115,900	0.0	0.0	0.0	0.0
Jul-19	621.7	169.8	177.3	621.7	169.8	177.3	1,390,200	117,300	0.0	0.0	0.0	0.0
Aug-19	640.6	171.7	222.4	640.6	171.7	222.4	1,395,300	117,500	0.0	0.0	0.0	0.0
Sep-19	626.6	168.5	190.4	626.6	168.5	190.4	1,392,100	117,100	0.0	0.0	0.0	0.0
Oct-19	658.9	193.9	192.8	658.9	193.9	192.8	1,408,700	117,600	0.0	0.0	0.0	0.0
Nov-19	619.5	216.8	179.9	619.5	216.8	179.9	1,420,500	118,200	0.0	0.0	0.0	0.0
Dec-19	620.2	243.9	173.1	620.2	243.9	173.1	1,415,300	118,500	0.0	0.0	0.0	0.0
Jan-20	626.5	243.6	217.6	626.5	243.6	217.6	1,395,400	118,100	0.0	0.0	0.0	0.0
Feb-20	595.6	225.7	193.5	595.6	225.7	193.5	1,406,000	118,700	0.0	0.0	0.0	0.0
Mar-20	589.6	235.9	220.6	589.6	235.9	220.6	1,391,200	118,300	0.0	0.0	0.0	0.0
Apr-20	548.4	191.1	248.0	548.4	191.1	248.0	1,165,200	110,400	0.0	0.0	0.0	0.0
May-20	625.7	165.1	198.3	625.7	165.1	198.3	1,179,500	111,000	0.0	0.0	0.0	0.0
Jun-20	571.1	167.2	193.0	571.1	167.2	193.0	1,235,300	113,000	0.0	0.0	0.0	0.0
Jul-20	688.4	160.9	222.2	688.4	160.9	222.2	1,234,600	113,600	0.0	0.0	0.0	0.0
Aug-20	700.8	164.1	187.4	700.8	164.1	187.4	1,243,900	113,500	0.0	0.0	0.0	0.0
Sep-20	669.2	162.8	208.7	669.2	162.8	208.7	1,258,300	113,300	0.0	0.0	0.0	0.0
Oct-20	671.8	171.0	216.1	671.8	171.0	216.1	1,278,500	113,200	0.0	0.0	0.0	0.0
Nov-20	575.8	203.3	207.0	575.8	203.3	207.0	1,291,300	113,500	0.0	0.0	0.0	0.0
Dec-20	570.2	228.6	209.6	570.2	228.6	209.6	1,284,700	113,200	0.0	0.0	0.0	0.0
Jan-21	612.3	218.1	202.1	612.3	218.1	202.1	1,246,700	113,300	0.0	0.0	0.0	0.0
Feb-21	568.8	191.3	211.1	568.8	191.3	211.1	1,276,500	114,600	0.0	0.0	0.0	0.0
Mar-21	626.4	274.4	242.3	626.4	274.4	242.3	1,284,400	114,300	0.0	0.0	0.0	0.0
Apr-21	535.1	237.2	242.9	535.1	237.2	242.9	1,293,200	114,500	0.0	0.0	0.0	0.0
May-21	630.0	213.6	216.2	630.0	213.6	216.2	1,297,100	113,900	0.0	0.0	0.0	0.0
Jun-21	597.9	189.3	250.8	597.9	189.3	250.8	1,301,100	115,700	0.0	0.0	0.0	0.0
Jul-21	664.4	154.7	196.2	664.4	154.7	196.2	1,296,900	114,500	0.0	0.0	0.0	0.0
Aug-21	659.5	163.3	216.4	659.5	163.3	216.4	1,305,400	113,900	0.0	0.0	0.0	0.0
Sep-21	661.7	158.6	163.9	661.7	158.6	163.9	1,312,800	113,100	0.0	0.0	0.0	0.0
Oct-21	566.7	213.4	188.7	566.7	213.4	188.7	1,339,600	113,800	0.0	0.0	0.0	0.0
Nov-21	603.3	174.5	240.7	603.3	174.5	240.7	1,350,829	114,381	0.0	0.0	0.0	0.0
Dec-21	620.3	234.2	248.2	620.3	234.2	248.2	1,345,873	114,668	0.0	0.0	0.0	0.0
Jan-22	617.4	223.4	231.4	622.5	224.0	233.3	1,320,023	113,358	-0.7	-0.6	-5.1	-1.3
Feb-22	634.8	223.4	231.0	640.0	224.0	232.9	1,352,041	115,187	-0.7	-0.6	-5.2	-1.3
Mar-22	641.1	220.4	225.5	646.4	221.1	227.3	1,358,158	115,417	-0.7	-0.6	-5.3	-1.2
Apr-22	653.4	218.6	224.1	658.7	219.2	226.0	1,365,722	116,935	-0.7	-0.6	-5.4	-1.2
May-22	651.2	216.6	218.9	656.5	217.3	220.7	1,368,506	116,088	-0.7	-0.6	-5.3	-1.2
Jun-22	662.1	215.2	218.5	667.6	215.9	220.3	1,371,720	117,684	-0.7	-0.6	-5.4	-1.2
Jul-22	653.5	213.3	212.7	658.9	214.0	214.5	1,369,114	115,917	-0.7	-0.6	-5.4	-1.2
Aug-22	651.5	212.8	209.5	656.8	213.5	211.2	1,373,462	115,384	-0.7	-0.6	-5.3	-1.1
Sep-22	648.0	212.5	206.2	653.3	213.2	207.9	1,377,508	114,646	-0.7	-0.6	-5.3	-1.1
Oct-22	654.6	215.6	206.3	660.0	216.3	208.0	1,402,438	115,715	-0.7	-0.6	-5.4	-1.1
Nov-22	657.1	216.2	205.4	662.5	216.8	207.1	1,409,808	116,091	-0.7	-0.6	-5.4	-1.1
Dec-22	657.8	214.3	204.3	663.2	215.0	206.0	1,400,614	116,169	-0.7	-0.6	-5.4	-1.1
Jan-23	646.7	208.9	199.3	653.2	210.4	201.8	1,372,723	114,382	-1.5	-1.2	-6.5	-1.3
Feb-23	657.5	213.0	201.5	664.1	214.4	204.1	1,400,995	116,270	-1.5	-1.2	-6.6	-1.3
Mar-23	659.2	212.9	201.2	665.8	214.4	203.7	1,402,099	116,546	-1.5	-1.2	-6.6	-1.3
Apr-23	667.2	212.7	202.8	673.9	214.1	205.4	1,401,673	117,938	-1.5	-1.2	-6.7	-1.3
May-23	663.7	212.6	201.2	670.3	214.1	203.7	1,402,228	117,310	-1.5	-1.2	-6.7	-1.3
Jun-23	674.1	212.6	203.8	680.9	214.0	206.3	1,402,660	119,155	-1.5	-1.2	-6.8	-1.3
Jul-23	669.3	211.7	201.9	676.0	213.2	204.4	1,397,562	118,290	-1.5	-1.2	-6.7	-1.3
Aug-23	663.6	212.0	199.8	670.3	213.4	202.3	1,399,552	117,282	-1.5	-1.2	-6.7	-1.3
Sep-23	656.8	212.1	197.4	663.4	213.5	199.9	1,400,617	116,076	-1.5	-1.2	-6.6	-1.3
Oct-23	658.6	215.2	197.7	665.3	216.7	200.2	1,421,682	116,403	-1.5	-1.2	-6.6	-1.3
Nov-23	659.9	216.2	197.8	666.5	217.6	200.3	1,428,053	116,624	-1.5	-1.2	-6.6	-1.3
Dec-23	659.5	214.6	197.5	666.1	216.0	200.0	1,417,672	116,545	-1.5	-1.2	-6.6	-1.3
Jan-24	645.4	209.0	192.8	654.2	211.4	196.2	1,387,319	114,466	-2.4	-1.8	-8.8	-1.7
Feb-24	655.9	213.5	195.8	664.9	215.8	199.3	1,416,673	116,331	-2.4	-1.8	-8.9	-1.7
Mar-24	657.4	213.7	196.1	666.3	216.1	199.6	1,418,421	116,581	-2.4	-1.8	-8.9	-1.7
Apr-24	664.8	213.8	198.2	673.8	216.2	201.7	1,418,927	117,899	-2.4	-1.8	-9.0	-1.7

May-24	661.4	214.0	197.0	670.4	216.3	200.6	1,419,930	117,296	-2.4	-1.8	-9.0	-1.7
Jun-24	671.9	214.1	200.1	681.1	216.4	203.7	1,420,630	119,164	-2.4	-1.8	-9.1	-1.7
Jul-24	667.3	213.4	198.7	676.3	215.7	202.2	1,416,015	118,338	-2.4	-1.8	-9.1	-1.7
Aug-24	661.6	213.6	196.9	670.6	216.0	200.4	1,417,799	117,340	-2.4	-1.8	-9.0	-1.7
Sep-24	654.9	213.8	194.8	663.8	216.1	198.3	1,418,775	116,142	-2.4	-1.8	-8.9	-1.7
Oct-24	657.0	217.1	195.4	665.9	219.4	198.9	1,440,402	116,514	-2.4	-1.8	-8.9	-1.7
Nov-24	658.1	217.9	195.7	667.0	220.3	199.2	1,445,956	116,710	-2.4	-1.8	-8.9	-1.7
Dec-24	657.5	216.2	195.5	666.4	218.6	199.0	1,434,816	116,606	-2.4	-1.8	-8.9	-1.7
Jan-25	644.4	210.6	191.1	654.5	213.9	195.4	1,403,938	114,518	-3.3	-2.4	-10.1	-1.9
Feb-25	654.7	215.0	194.2	664.9	218.3	198.5	1,433,172	116,342	-3.3	-2.4	-10.3	-1.9
Mar-25	655.9	215.2	194.5	666.1	218.5	198.8	1,434,464	116,551	-3.3	-2.4	-10.3	-1.9
Apr-25	663.2	215.1	196.7	673.6	218.4	201.0	1,433,871	117,858	-3.3	-2.4	-10.4	-1.9
May-25	659.4	215.3	195.5	669.7	218.5	199.8	1,434,683	117,181	-3.3	-2.4	-10.3	-1.9
Jun-25	669.5	215.3	198.6	680.0	218.6	202.9	1,435,154	118,972	-3.3	-2.4	-10.5	-2.0
Jul-25	664.1	214.5	196.9	674.5	218.7	201.3	1,429,841	118,021	-3.3	-2.4	-10.4	-2.0
Aug-25	658.4	214.8	195.2	668.7	218.1	199.5	1,431,665	117,003	-3.3	-2.4	-10.3	-1.9
Sep-25	651.6	215.0	193.1	661.8	218.3	197.4	1,432,855	115,786	-3.3	-2.4	-10.2	-1.9
Oct-25	653.1	218.3	193.6	663.3	221.6	197.9	1,454,897	116,062	-3.3	-2.4	-10.2	-1.9
Nov-25	654.5	219.2	194.0	664.7	222.5	198.3	1,460,536	116,307	-3.3	-2.4	-10.3	-1.9
Dec-25	654.2	217.5	193.9	664.4	220.8	198.2	1,449,434	116,253	-3.3	-2.4	-10.2	-1.9
Jan-26	641.6	211.9	189.7	652.6	216.1	194.7	1,418,527	114,189	-4.2	-2.9	-11.1	-2.1
Feb-26	652.3	216.4	192.9	663.5	220.6	197.9	1,448,144	116,089	-4.2	-2.9	-11.2	-2.1
Mar-26	653.9	216.6	193.4	665.1	220.8	198.4	1,449,760	116,379	-4.2	-2.9	-11.3	-2.1
Apr-26	661.6	216.6	195.7	673.0	220.8	200.8	1,449,414	117,760	-4.2	-2.9	-11.4	-2.1
May-26	658.3	216.7	194.7	669.7	220.9	199.7	1,450,371	117,174	-4.2	-2.9	-11.3	-2.1
Jun-26	668.9	216.8	197.9	680.5	221.0	203.0	1,450,940	119,057	-4.2	-2.9	-11.5	-2.2
Jul-26	664.5	216.0	196.6	675.9	220.2	201.6	1,445,858	118,265	-4.2	-2.9	-11.4	-2.2
Aug-26	658.9	216.3	194.9	670.2	220.5	199.9	1,447,308	117,267	-4.2	-2.9	-11.3	-2.1
Sep-26	652.1	216.4	192.9	663.4	220.6	197.9	1,448,392	116,070	-4.2	-2.9	-11.2	-2.1
Oct-26	653.9	220.0	193.4	665.1	224.1	198.4	1,471,498	116,376	-4.2	-2.9	-11.3	-2.1
Nov-26	655.3	220.6	193.8	666.6	224.8	198.8	1,475,947	116,638	-4.2	-2.9	-11.3	-2.1
Dec-26	655.1	218.7	193.7	666.4	222.9	198.8	1,463,560	116,599	-4.2	-2.9	-11.3	-2.1
Jan-27	642.5	212.6	189.5	654.9	217.8	195.3	1,429,739	114,583	-5.2	-3.5	-12.4	-2.3
Feb-27	653.1	217.2	192.7	665.6	222.4	198.5	1,460,071	116,467	-5.2	-3.5	-12.6	-2.4
Mar-27	654.6	217.5	193.1	667.2	222.7	199.0	1,462,236	116,735	-5.2	-3.5	-12.6	-2.4
Apr-27	662.3	217.7	195.4	675.0	222.9	201.3	1,463,349	118,104	-5.2	-3.5	-12.7	-2.4
May-27	658.8	217.8	194.4	671.5	223.0	200.3	1,463,814	117,485	-5.2	-3.5	-12.7	-2.4
Jun-27	669.2	217.8	197.5	682.1	223.0	203.4	1,463,849	119,341	-5.2	-3.5	-12.9	-2.4
Jul-27	664.5	216.9	196.1	677.3	222.1	202.0	1,457,832	118,504	-5.2	-3.5	-12.8	-2.4
Aug-27	658.8	217.0	194.4	671.5	222.2	200.3	1,459,015	117,484	-5.2	-3.5	-12.7	-2.4
Sep-27	652.0	217.2	192.3	664.5	222.4	198.2	1,459,875	116,266	-5.2	-3.5	-12.5	-2.4
Oct-27	653.8	220.5	192.9	666.4	225.7	198.8	1,481,872	116,599	-5.2	-3.5	-12.6	-2.4
Nov-27	654.9	221.3	193.2	667.5	226.5	199.1	1,487,092	116,795	-5.2	-3.5	-12.6	-2.4
Dec-27	654.3	219.5	193.1	666.9	224.7	198.9	1,475,333	116,690	-5.2	-3.5	-12.6	-2.4
Jan-28	641.3	213.7	188.7	655.0	219.9	195.3	1,443,748	114,596	-6.2	-4.1	-13.6	-2.6
Feb-28	651.5	218.2	191.8	665.4	224.4	198.5	1,473,461	116,425	-6.2	-4.1	-13.9	-2.6
Mar-28	652.7	218.4	192.2	666.6	224.6	198.8	1,474,743	116,637	-6.2	-4.1	-13.9	-2.6
Apr-28	660.0	218.3	194.3	674.1	224.5	201.0	1,474,098	117,939	-6.2	-4.1	-14.0	-2.6
May-28	656.3	218.4	193.2	670.3	224.6	199.9	1,474,424	117,274	-6.2	-4.1	-14.0	-2.6
Jun-28	666.4	218.4	196.3	680.6	224.6	203.0	1,474,352	119,080	-6.2	-4.1	-14.2	-2.7
Jul-28	661.2	217.4	194.7	675.3	223.6	201.4	1,468,032	118,159	-6.2	-4.1	-14.1	-2.6
Aug-28	655.5	217.6	193.0	669.5	223.8	199.7	1,469,206	117,134	-6.2	-4.1	-14.0	-2.6
Sep-28	648.7	217.7	190.9	662.5	223.9	197.6	1,470,044	115,910	-6.2	-4.1	-13.8	-2.6
Oct-28	650.3	221.1	191.4	664.2	227.3	198.1	1,492,217	116,210	-6.2	-4.1	-13.8	-2.6
Nov-28	651.5	221.9	191.8	665.4	228.1	198.4	1,497,342	116,421	-6.2	-4.1	-13.9	-2.6
Dec-28	651.0	220.0	191.6	664.9	226.3	198.3	1,485,380	116,332	-6.2	-4.1	-13.9	-2.6
Jan-29	638.2	214.1	187.3	653.0	221.4	194.8	1,453,617	114,261	-7.3	-4.7	-14.8	-2.8
Feb-29	648.5	218.6	190.4	663.5	226.0	197.9	1,483,466	116,099	-7.3	-4.7	-15.1	-2.8
Mar-29	649.8	218.8	190.8	664.8	226.1	198.3	1,484,622	116,325	-7.3	-4.7	-15.1	-2.8
Apr-29	657.1	218.7	193.0	672.3	226.0	200.5	1,483,713	117,632	-7.3	-4.7	-15.3	-2.9
May-29	653.5	218.7	191.9	668.6	226.0	199.4	1,484,040	116,990	-7.3	-4.7	-15.2	-2.9
Jun-29	663.7	218.7	195.0	679.1	226.0	202.5	1,483,978	118,814	-7.3	-4.7	-15.4	-2.9
Jul-29	658.9	217.8	193.5	674.2	225.1	201.1	1,477,684	117,957	-7.3	-4.7	-15.3	-2.9
Aug-29	653.0	217.9	191.8	668.2	225.3	199.3	1,478,852	116,915	-7.3	-4.7	-15.2	-2.9
Sep-29	646.1	218.1	189.7	661.1	225.4	197.2	1,479,635	115,675	-7.3	-4.7	-15.0	-2.8
Oct-29	647.6	221.5	190.1	662.7	228.8	197.6	1,501,996	115,946	-7.3	-4.7	-15.0	-2.8
Nov-29	648.8	222.2	190.5	663.8	229.5	198.0	1,506,983	116,147	-7.3	-4.7	-15.1	-2.8
Dec-29	648.2	220.4	190.3	663.3	227.7	197.8	1,494,755	116,049	-7.3	-4.7	-15.0	-2.8
Jan-30	635.5	214.3	186.0	651.4	222.8	194.3	1,462,674	113,982	-8.4	-5.3	-16.0	-3.0
Feb-30	645.6	218.9	189.0	661.8	227.4	197.4	1,492,639	115,798	-8.4	-5.3	-16.2	-3.1
Mar-30	646.8	219.1	189.4	663.0	227.5	197.7	1,493,665	116,007	-8.4	-5.3	-16.2	-3.1
Apr-30	654.0	218.9	191.5	670.4	227.3	200.0	1,492,372	117,306	-8.4	-5.3	-16.4	-3.1
May-30	650.3	218.9	190.4	666.6	227.4	198.8	1,492,825	116,636	-8.4	-5.3	-16.3	-3.1
Jun-30	660.2	219.0	193.4	676.8	227.4	201.9	1,492,932	118,422	-8.4	-5.3	-16.6	-3.1
Jul-30	654.9	218.1	191.8	671.4	226.6	200.2	1,487,389	117,472	-8.4	-5.3	-16.5	-3.1
Aug-30	649.3	218.2	190.1	665.7	226.7	198.5	1,488,223	116,469	-8.4	-5.3	-16.3	-3.1
Sep-30	642.7	218.3	188.1	658.8	226.7	196.5	1,488,539	115,269	-8.4	-5.3	-16.1	-3.0
Oct-30	644.4	221.6	188.6	660.5	230.1	197.0	1,510,463	115,574	-8.4	-5.3	-16.2	-3.1
Nov-30	645.7	222.3	189.0	661.9	230.8	197.4	1,515,127	115,810	-8.4	-5.3	-16.2	-3.1
Dec-30	645.3	220.4	188.9	661.5	228.8	197.3	1,502,426	115,747	-8.4	-5.3	-16.2	-3.1
Jan-31	632.7	214.3	184.6	649.9	223.9	193.8	1,469,717	113,704	-9.6	-5.9	-17.1	-3.2
Feb-31	643.1	218.8	187.8	660.5	228.4	197.0	1,499,639	115,567	-9.6	-5.9	-17.4	-3.3
Mar-31	644.5	218.9	188.2	662.0	228.5	197.4	1,500,373	115,827	-9.6	-5.9	-17.4	-3.3
Apr-31	652.1	218.7	190.5	669.7	228.3	199.7	1,498,867	117,181	-9.6	-5.9	-17.6	-3.3
May-31	648.6	218.7	189.4	666.2	228.3	198.7	1,499,004	116,558	-9.6	-5.9	-17.5	-3.3
Jun-31	658.8	218.7	192.5	676.6	228.3	201.8	1,498,825	118,391	-9.6	-5.9	-17.8	-3.4
Jul-31	653.9	217.7	191.0	671.6	227.3	200.3	1,492,226	117,510	-9.6	-5.9	-17.7	-3.4

Aug-31	648.5	217.8	189.4	666.0	227.5	198.6	1,493,272	116,532	-9.6	-5.9	-17.5	-3.3
Sep-31	641.9	217.9	187.4	659.3	227.5	196.6	1,493,854	115,356	-9.6	-5.9	-17.4	-3.3
Oct-31	644.1	221.3	188.1	661.6	231.0	197.3	1,516,241	115,751	-9.6	-5.9	-17.4	-3.3
Nov-31	645.2	222.1	188.4	662.7	231.7	197.6	1,521,142	115,946	-9.6	-5.9	-17.5	-3.3
Dec-31	644.6	220.2	188.2	662.1	229.8	197.5	1,508,505	115,843	-9.6	-5.9	-17.4	-3.3
Jan-32	631.6	214.6	184.4	649.9	224.8	193.8	1,475,658	113,716	-10.1	-6.0	-18.3	-3.5
Feb-32	642.0	219.2	187.5	660.6	229.4	197.0	1,505,785	115,581	-10.1	-6.0	-18.6	-3.5
Mar-32	643.4	219.3	188.0	662.1	229.5	197.5	1,506,655	115,843	-10.1	-6.0	-18.6	-3.5
Apr-32	651.1	219.2	190.3	670.0	229.3	199.8	1,505,458	117,225	-10.1	-6.0	-18.9	-3.6
May-32	647.5	219.2	189.2	666.3	229.3	198.7	1,505,570	116,580	-10.1	-6.0	-18.8	-3.6
Jun-32	657.6	219.2	192.2	676.6	229.3	201.8	1,505,387	118,391	-10.1	-6.0	-19.1	-3.6
Jul-32	652.6	218.1	190.7	671.5	228.2	200.3	1,498,384	117,491	-10.1	-6.0	-18.9	-3.6
Aug-32	647.0	218.3	189.0	665.8	228.4	198.6	1,499,634	116,487	-10.1	-6.0	-18.8	-3.6
Sep-32	640.3	218.4	187.0	658.9	228.6	196.5	1,500,498	115,285	-10.1	-6.0	-18.6	-3.5
Oct-32	642.1	221.9	187.5	660.7	232.0	197.0	1,523,275	115,594	-10.1	-6.0	-18.6	-3.5
Nov-32	643.3	222.7	187.9	662.0	232.8	197.4	1,528,452	115,823	-10.1	-6.0	-18.6	-3.5
Dec-32	642.9	220.8	187.8	661.6	230.9	197.3	1,515,936	115,754	-10.1	-6.0	-18.6	-3.5
Jan-33	629.8	215.3	184.0	649.8	225.9	193.8	1,483,031	113,688	-10.6	-6.0	-19.9	-3.8
Feb-33	640.2	220.0	187.1	660.5	230.5	197.0	1,513,459	115,562	-10.6	-6.0	-20.3	-3.9
Mar-33	641.7	220.1	187.6	662.0	230.7	197.4	1,514,428	115,833	-10.6	-6.0	-20.3	-3.9
Apr-33	649.5	220.0	189.9	670.1	230.5	199.8	1,513,310	117,241	-10.6	-6.0	-20.6	-3.9
May-33	645.9	220.0	188.8	666.3	230.5	198.7	1,513,597	116,588	-10.6	-6.0	-20.4	-3.9
Jun-33	655.9	220.0	191.9	676.6	230.5	201.8	1,513,590	118,391	-10.6	-6.0	-20.8	-4.0
Jul-33	650.9	219.0	190.3	671.5	229.5	200.3	1,506,962	117,483	-10.6	-6.0	-20.6	-3.9
Aug-33	645.3	219.2	188.6	665.7	229.7	198.5	1,508,115	116,471	-10.6	-6.0	-20.4	-3.9
Sep-33	638.6	219.3	186.6	658.8	229.8	196.5	1,508,927	115,262	-10.6	-6.0	-20.2	-3.9
Oct-33	640.3	222.8	187.1	660.5	233.3	197.0	1,531,726	115,573	-10.6	-6.0	-20.3	-3.9
Nov-33	641.5	223.6	187.5	661.8	234.1	197.4	1,536,969	115,785	-10.6	-6.0	-20.3	-3.9
Dec-33	641.0	221.6	187.4	661.3	232.2	197.2	1,524,323	115,700	-10.6	-6.0	-20.3	-3.9
Jan-34	627.8	216.3	183.5	649.5	227.1	193.7	1,491,122	113,634	-10.9	-6.0	-21.7	-4.1
Feb-34	637.9	220.9	186.6	660.0	231.8	196.8	1,521,568	115,474	-10.9	-6.0	-22.0	-4.2
Mar-34	639.2	221.0	187.0	661.3	231.9	197.2	1,522,445	115,712	-10.9	-6.0	-22.1	-4.2
Apr-34	646.6	220.9	189.2	669.0	231.7	199.5	1,521,387	117,050	-10.9	-6.0	-22.3	-4.3
May-34	643.0	220.9	188.1	665.3	231.7	198.4	1,521,452	116,400	-10.9	-6.0	-22.2	-4.2
Jun-34	653.0	220.9	191.1	675.6	231.7	201.5	1,521,272	118,202	-10.9	-6.0	-22.6	-4.3
Jul-34	648.0	219.8	189.6	670.4	230.7	199.9	1,514,286	117,300	-10.9	-6.0	-22.4	-4.3
Aug-34	642.4	220.0	187.9	664.6	230.8	198.2	1,515,373	116,290	-10.9	-6.0	-22.2	-4.2
Sep-34	635.8	220.1	185.9	657.7	230.9	196.2	1,516,156	115,082	-10.9	-6.0	-22.0	-4.2
Oct-34	637.4	223.5	186.4	659.4	234.4	196.7	1,538,896	115,376	-10.9	-6.0	-22.0	-4.2
Nov-34	638.6	224.4	186.8	660.7	235.2	197.1	1,544,260	115,604	-10.9	-6.0	-22.1	-4.2
Dec-34	638.3	222.4	186.7	660.3	233.3	196.9	1,531,609	115,534	-10.9	-6.0	-22.1	-4.2
Jan-35	625.3	217.0	182.9	648.7	228.2	193.5	1,498,191	113,495	-11.2	-6.1	-23.3	-4.5
Feb-35	635.5	221.7	185.9	659.2	232.9	196.6	1,528,812	115,341	-11.2	-6.1	-23.7	-4.5
Mar-35	636.8	221.8	186.3	660.6	233.0	197.0	1,529,688	115,586	-11.2	-6.1	-23.8	-4.6
Apr-35	644.2	221.7	188.6	668.2	232.9	199.3	1,528,797	116,916	-11.2	-6.1	-24.0	-4.6
May-35	640.7	221.7	187.5	664.6	232.9	198.2	1,528,736	116,287	-11.2	-6.1	-23.9	-4.6
Jun-35	650.7	221.7	190.5	675.0	232.8	201.3	1,528,480	118,108	-11.2	-6.1	-24.3	-4.7
Jul-35	645.9	220.6	189.1	670.0	231.7	199.8	1,521,434	117,224	-11.2	-6.1	-24.1	-4.6
Aug-35	640.4	220.7	187.4	664.3	231.9	198.1	1,522,451	116,237	-11.2	-6.1	-23.9	-4.6
Sep-35	633.9	220.9	185.5	657.6	232.0	196.1	1,523,149	115,052	-11.2	-6.1	-23.7	-4.5
Oct-35	635.8	224.3	186.0	659.5	235.4	196.7	1,545,724	115,387	-11.2	-6.1	-23.7	-4.5
Nov-35	637.0	225.1	186.4	660.8	236.3	197.1	1,551,246	115,618	-11.2	-6.1	-23.8	-4.6
Dec-35	636.7	223.2	186.3	660.4	234.4	197.0	1,538,637	115,551	-11.2	-6.1	-23.8	-4.6

Cost Allocation Proceeding

NATURAL GAS VEHICLES



SDG&E 2022 Cost Allocation Proceeding

Each of the sheets provided support the calculation of the 2022
-2027

Methodology: The forecasted throughput is estimated by taking
the yearly meter growth multiplied by the average throughput
per meter calculated based on the 2021 actuals.

Some key assumptions are that:

- 1) Meters are added at the same rate each year through the forecast

Description
SDGE G-NGV
Volumes and Meters

DATA

Table 1 - SDGE Volume Forecast Growth		
Years	Volumes	
	Compressed	Uncompressed
	M Dtherms	M Dtherms
2021	105	2,268
2022	84	2,268
2023	84	2,320
2024	84	2,320
2025	84	2,320
2026	84	2,270
2027	84	2,270

NGV Monthly Volumes (Mdt):
Compressed Volumes (Total)

SDGE Monthly Volumes													
Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
Compressed Volumes - Total (M decatherms)													
2021 (Therms)	63,879	65,476	66,395	80,868	83,800	90,644	93,084	94,537	97,513	101,870	104,743	108,395	1,053,203
2021	6	7	7	8	8	9	9	9	10	10	10	11	105
2022	6	6	5	6	7	7	7	7	8	8	8	8	84
2023	6	6	5	6	7	7	7	7	8	8	8	8	84
2024	6	6	5	6	7	7	7	7	8	8	8	8	84
2025	6	6	5	6	7	7	7	7	8	8	8	8	84
2026	6	6	5	6	7	7	7	7	8	8	8	8	84
2027	6	6	5	6	7	7	7	7	8	8	8	8	84

NGV Monthly Volumes Compressed PUBLIC Use

Compressed Volumes - Total (M Decatherms)													
2021 - Therms	29,336	28,654	33,762	37,228	40,160	41,423	42,305	43,929	44,486	48,444	47,488	52,336	489,550
2021 - MD Therms	3	3	3	4	4	4	4	4	4	5	5	5	49
2021	3	3	3	4	4	4	4	4	4	5	5	5	49
2022	2	2	2	3	3	3	3	3	3	4	3	4	35
2023	2	2	2	3	3	3	3	3	3	4	3	4	35
2024	2	2	2	3	3	3	3	3	3	4	3	4	35
2025	2	2	2	3	3	3	3	3	3	4	3	4	35
2026	2	2	2	3	3	3	3	3	3	4	3	4	35
2027	2	2	2	3	3	3	3	3	3	4	3	4	35

NGV Monthly Volumes Compressed Volumes- UTILITY USE

2021 - Therms	34,543	36,822	34,633	43,640	43,640	49,221	50,779	50,608	53,027	53,426	57,255	56,059	563,653
2021 - M Decatherms	3.5	3.7	3.5	4.4	4.4	4.9	5.1	5.1	5.3	5.3	5.7	5.6	56

2021	3.5	3.7	3.5	4.4	4.4	4.9	5.1	5.1	5.3	5.3	5.7	5.6	56
2022	3.5	3.7	2.9	3.6	3.6	4.1	4.2	4.2	4.4	4.5	4.8	4.7	48
2023	3.5	3.7	2.9	3.6	3.6	4.1	4.2	4.2	4.4	4.5	4.8	4.7	48
2024	3.5	3.7	2.9	3.6	3.6	4.1	4.2	4.2	4.4	4.5	4.8	4.7	48
2025	3.5	3.7	2.9	3.6	3.6	4.1	4.2	4.2	4.4	4.5	4.8	4.7	48
2026	3.5	3.7	2.9	3.6	3.6	4.1	4.2	4.2	4.4	4.5	4.8	4.7	48
2027	3.5	3.7	2.9	3.6	3.6	4.1	4.2	4.2	4.4	4.5	4.8	4.7	48

NGV Monthly Volumes UNCOMPRESSED

Uncompressed Volumes - Total (M Decatherms)													
2021	197	189	127	168	186	187	218	199	208	198	199	194	2,268
2021	197	189	127	168	186	187	218	199	208	198	199	194	2,268
2022	201	192	131	172	189	191	224	204	212	202	203	198	2,320
2023	201	192	131	172	189	191	224	204	212	202	203	198	2,320
2024	201	192	131	172	189	191	224	204	212	202	203	198	2,320
2025	196	188	129	169	185	186	220	200	207	198	199	194	2,270
2026	196	188	129	169	185	186	220	200	207	198	199	194	2,270
2027	196	188	129	169	185	186	220	200	207	198	199	194	2,270

NGV Monthly Uncompressed Volumes UTILITY Procurement

Uncompressed Volumes - Utility Procurement Customers (M Decatherms)													
2021 - Therms	893,560	852,549	419,762	661,794	815,949	806,451	832,417	774,768	915,347	829,904	855,969	830,690	9,469,160
2021 - M Decatherms	89	85	42	66	82	81	83	77	92	83	84	83	947
2021	89	85	42	66	82	81	83	77	92	83	84	83	947
2022	85	81	40	63	77	76	79	73	87	79	79	79	897
2023	85	81	40	63	77	76	79	73	87	79	79	79	897
2024	85	81	40	63	77	76	79	73	87	79	79	79	897

2025	80	76	38	59	73	72	74	69	82	74	75	74	847
2026	80	76	38	59	73	72	74	69	82	74	75	74	847
2027	80	76	38	59	73	72	74	69	82	74	75	74	847

NGV monthly volumes Uncompressed, Customer Owned

Uncompressed Volumes - Customer Owned (M Decatherms)													
2021 - Therms	1,079,385	1,037,139	847,775	1,016,824	1,040,434	1,060,634	1,346,973	1,211,617	1,160,436	1,145,876	1,151,347	1,112,421	13,210,861
2021 - M Decatherms	108	104	85	102	104	106	135	121	116	115	115	111	1,321
2021	108	104	85	102	104	106	135	121	116	115	115	111	1,321
2022	116	112	91	110	112	114	145	130	125	123	124	120	1,423
2023	116	112	91	110	112	114	145	130	125	123	124	120	1,423
2024	116	112	91	110	112	114	145	130	125	123	124	120	1,423
2025	116	112	91	110	112	114	145	130	125	123	124	120	1,423
2026	116	112	91	110	112	114	145	130	125	123	124	120	1,423
2027	116	112	91	110	112	114	145	130	125	123	124	120	1,423

NGV Monthly Volumes Uncompressed Volumes TOTAL

Year	Uncompressed Meters Total	Compressed Pub Access Meters	Compressed Fleet Meters	Total Meters
2021	32	2	5	37
2022	32	2	5	37
2023	32	2	5	37
2024	32	2	5	37
2025	31	2	5	36
2026	31	2	5	36
2027	31	2	5	36

SDG&E Compressed Company Usage

(Therms)	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21
BEACH CITIES	188	89	260	320	320	404	416	291	284	334	224	224
MIRAMAR	17,309	20,788	19,736	23,399	23,399	27,193	30,724	35,010	36,782	36,782	38,848	41,315
KEARNY	7,142	6,070	4,601	7,260	7,260	7,859	5,434	592	128	65	14	-
METRO	151	175	94	110	110	44	160	258	337	252	202	187
NORTH EAST	325	367	237	326	326	372	412	288	431	329	297	278
NORTH COAST	9,428	9,333	9,705	12,225	12,225	13,349	13,633	14,169	15,065	15,664	17,670	14,055

Average Annual Therms	Average Annual Mdtherms per meter
7,828	0.7829

ENERGY EFFICIENCY



SDG&E

Energy Efficiency Portfolio

(Programs and Codes and Standards)

	Reported 2006	Reported 2007	Reported 2008	Reported 2009	Reported 2010	Reported 2011	Reported 2012	Reported 2013	Reported 2014	Reported 2015	Reported 2016	Reported 2017	Reported 2018	Reported 2019	Forecast 2020
	Therms	Therms	Therms	Therms	Therms	Therms	Therms	Therms	Therms	Therms	Therms	NET	NET	NET	NET
SDGE EE Program TOTAL	1,652,856	3,141,304	3,146,590	4,764,177	628,756	1,365,631	1,713,642	843,335	2,171,447	1,779,769	3,276,288	3,995,539	1,375,439	2,187,693	3,950,763
PUC Goal	2,700,000	3,100,000	3,700,000	4,100,000	3,500,000	3,800,000	4,100,000	2,200,000	2,100,000	2,500,000	3,200,000	3,300,000	3,300,000	3,600,000	3,500,000
Difference	(1,047,144)	41,304	(553,410)	664,177	(2,871,244)	(2,434,369)	(2,386,358)	(1,356,665)	71,447	(720,231)	76,288	695,539	(1,924,561)	(1,412,307)	450,763
SDGE	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
	therms	therms	therms	therms	therms	therms	therms	therms	therms	therms	therms	therms	therms	therms	therms
Core Residential	505,394	891,146	906,495	1,127,509	(793,637)	161,413	(698,947)	-82,037	191,340	-111,638	2,345,725	1,145,150	846,721	1,711,144	2,432,092
Core Commercial	1,011,317	1,983,180	1,974,310	3,205,182	1,253,628	1,061,339	2,126,338	801,370	1,521,143	1,423,470	910,910	2,414,552	440,407	404,258	1,265,009
Core Industrial	20,715	40,621	40,439	65,651	25,678	21,739	43,553	2,651	45,276	49,289	19,653	19,185	5,086	3,090	14,609
NonCore Commercial	11,543	22,636	22,535	36,584	14,309	12,114	24,270	109,278	207,429	194,110	-	329,257	60,055	55,126	172,501
NonCore Industrial retail	103,887	203,722	202,811	329,252	128,779	109,026	218,428	12,075	206,259	224,539	-	87,396	23,170	14,076	66,552
NonCore Industrial refinery	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	1,652,856	3,141,304	3,146,590	4,764,177	628,756	1,365,631	1,713,642	843,335	2,171,447	1,779,769	3,276,288	3,995,539	1,375,439	2,187,693	3,950,763
Proportionally scale it down or up to match PUC Goals for 2010 - 2014															
ANNUAL NET SAVINGS	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
	Mdth	Mdth	Mdth	Mdth	Mdth	Mdth	Mdth	Mdth	Mdth	Mdth	Mdth	Mdth	Mdth	Mdth	Mdth
Core Residential	51	89	91	113	(79)	16	(70)	(8)	19	(11)	235	115	85	171	243
Core Commercial	101	198	197	321	125	106	213	80	152	142	91	241	44	40	127
Core Industrial	2	4	4	7	3	2	4	0	5	5	2	2	1	0	1
NonCore Commercial	1	2	2	4	1	1	2	11	21	19	-	33	6	6	17
NonCore Industrial retail	10	20	20	33	13	11	22	1	21	22	-	9	2	1	7
NonCore Industrial refinery	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	165	314	315	476	63	137	171	84	217	178	328	400	138	219	395
Cumulative Savings Mdth							2012	2013	2014	2015	2016	2017	2018	2019	2020
Core Residential							Mdth	Mdth	Mdth	Mdth	Mdth	Mdth	Mdth	Mdth	Mdth
Core Commercial															243
Core Industrial															127
NonCore Commercial															1
NonCore Industrial regular															17
NonCore Industrial refinery															7
Total Load Impacts															395

	Forecast 2021	Forecast 2022	Forecast 2023	Forecast 2024	Forecast 2025	Forecast 2026	Forecast 2027
SDGE EE Program TOTAL	1,798,552	1,882,694	3,252,273	3,326,178	3,427,721	3,407,192	3,401,226
PUC Goal	3,700,000	3,800,000	3,900,000	4,000,000	4,000,000	3,800,000	3,700,000
Difference							
SDGE							
Core Residential	64.2%	61.4%	65.7%	68.1%	69.4%	70.3%	71.2%
Core Commercial	28.3%	30.5%	27.3%	25.7%	24.7%	24.1%	23.4%
Core Industrial	0.6%	0.7%	0.6%	0.5%	0.5%	0.4%	0.4%
NonCore Commercial	3.9%	4.2%	3.7%	3.5%	3.4%	3.3%	3.2%
NonCore Industrial retail	2.9%	3.2%	2.7%	2.2%	2.1%	2.0%	1.8%
NonCore Industrial refinery	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total	100%	100%	100%	100%	100%	100%	100%
Proportionally scale it down or up to match PUC Goals for 2010 - 2014							
ANNUAL NET SAVINGS	<u>2021</u> Mdth	<u>2022</u> Mdth	<u>2023</u> Mdth	<u>2024</u> Mdth	<u>2025</u> Mdth	<u>2026</u> Mdth	<u>2027</u> Mdth
Core Residential	238	233	256	272	277	267	263
Core Commercial	105	116	106	103	99	91	87
Core Industrial	2	3	2	2	2	2	1
NonCore Commercial	14	16	15	14	13	12	12
NonCore Industrial retail	11	12	11	9	8	7	7
NonCore Industrial refinery	-	-	-	-	-	-	-
Total	370	380	390	400	400	380	370
Cumulative Savings Mdth	<u>2021</u> Mdth	<u>2022</u> Mdth	<u>2023</u> Mdth	<u>2024</u> Mdth	<u>2025</u> Mdth	<u>2026</u> Mdth	<u>2027</u> Mdth
Core Residential	481	714	970	1,243	1,520	1,553	1,701
Core Commercial	231	347	454	556	655	656	501
Core Industrial	4	7	9	11	13	12	12
NonCore Commercial	32	47	62	76	89	102	81
NonCore Industrial regular	18	30	40	49	58	65	63
NonCore Industrial refinery	-	-	-	-	-	-	-
Total Load Impacts	765	1,145	1,535	1,935	2,335	2,387	2,358

Cost Allocation Proceeding

SUPPORTING DATA



Cost Allocation Proceeding

WEATHER: HEATING DEGREE DAYS – AVERAGE AND “COLD” YEAR DESIGNS;



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

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	280.9	266.2	237.8	209.5	194.7
February	246.1	233.2	208.4	183.5	170.6
March	196.9	186.6	166.7	146.8	136.5
April	122.8	116.4	104.0	91.6	85.1
May	57.4	54.3	48.6	42.8	39.8
June	10.6	10.0	9.0	7.9	7.3
July	0.6	0.6	0.6	0.5	0.5
August	0.1	0.1	0.1	0.0	0.0
September	0.9	0.9	0.8	0.7	0.7
October	26.5	25.1	22.5	19.8	18.4
November	122.5	116.1	103.7	91.4	84.9
December	302.5	286.6	256.1	225.6	209.6
	<u>1368</u>	<u>1296</u>	<u>1158</u>	<u>1020</u>	<u>948</u>

IV. Adjusting Forecasted HDDs for a Climate-Change Trend

SDG&E incorporates a climate-change warming trend that gradually reduces HDDs by 2 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 1983-2002, then 1984-2003, 1985-2004...and ending with the average HDDs for years 2002-2021.

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 -5.9 HDDs for the most recent twenty of the 20-year averages (with ending years from 2002 through 2021). A simple “ordinary least squares” regression-fitted time trend (using Microsoft Excel’s “LINEST” function) was applied to those same annual changes, resulting in a fitted estimation of -6.2 HDDs per year. Given the fitted and actual average annual changes of -6.2 and -5.9 HDDs, respectively, it was decided to decrease average-year and cold-year forecasted HDD’s by an even 6 HDDs per year, starting with the first forecast year of 2022.

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

Average Annual Changes in 20-Year-Averaged HDDs		
	Regression	
	Fitted trend	Actual
20 years (2002-2021)	-6.2	-5.9

Year	SDG&E System HDDs	20-year averaged HDDs	Annual change in 20-year averaged HDDs
1982	1332		
1983	1106		
1984	1115		
1985	1395		
1986	1028		
1987	1400		
1988	1269		
1989	1259		
1990	1316		
1991	1317		
1992	994		
1993	1108		
1994	1464		
1995	1073		
1996	1151		
1997	1152		
1998	1571		
1999	1610		
2000	1326		
2001	1543	1276.5	
2002	1479	1283.8	7.3
2003	1271	1292.1	8.3
2004	1241	1298.4	6.3
2005	1124	1284.8	-13.6
2006	1372	1302.0	17.2
2007	1452	1304.6	2.6
2008	1391	1310.7	6.1
2009	1264	1311.0	0.3
2010	1401	1315.2	4.3
2011	1422	1320.5	5.3
2012	1266	1334.1	13.6
2013	1261	1341.7	7.7
2014	691	1303.1	-38.7
2015	760	1287.4	-15.6
2016	746	1267.2	-20.3
2017	742	1246.7	-20.5
2018	773	1206.8	-39.9
2019	1186	1185.6	-21.2
2020	1076	1173.1	-12.5
2021	1236	1157.7	-15.3

V. Calculating the Peak-Day Design Temperature

SDG&E's Peak-Day design temperature of 43.3 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 2021, 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, ..., 2021.

(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 6, 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 Software (SAS) procedure for nonlinear statistical model estimation (PROC MODEL, from SAS V6.12) 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:

$$n(y) \qquad n(y)$$

$$- \text{MinAVG}_y = - \min_{d=1} \{ \text{AVG}_{y,d} \} = \max_{d=1} \{ -\text{AVG}_{y,d} \}, \text{ for } y=1972, \dots, 2021;$$

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 6, below.

In Table 6, 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 7) is a “small” positive value (usually less than 1/2) 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 6, 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-Distribution³, and

³ 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

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

such that $\text{T_Dist}\{z; \gamma, \theta, \nu=N-2\} = \int_{-\infty}^z f(t) dt$. Also, the notation $\Gamma(\cdot)$ 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.

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

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 7 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 ,

$$(7') \quad z_\delta = \{ \text{TINV_Dist}\{ (1-\delta); \gamma, \theta, v=N-2 \}, \text{ where “TINV_Dist}\{ . \}” \text{ is the inverse function of the } T_Dist\{ . \} \text{ function}^4. \text{ The implied equation for } \text{TPDD}_\delta \text{ is:}$$

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

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 $z_\delta = 1.951$ and $\text{TPDD}_\delta = - [\gamma + (z_\delta)(\theta)] = 43.3$ degrees Fahrenheit, with values for “ $v=N-2$ ”; along with “ γ ” and “ θ ” in Table 7, below.

SDG&E’s “1-in-10” peak-day design temperature of 44.8 degrees Fahrenheit, is calculated in a methodologically similar way as for the 43.3 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 $z_\delta = 1.300$ and, $\text{TPDD}_\delta = - [\gamma + (z_\delta)(\theta)] = 44.6$ with values for “ $v=N-2$ ”; along with “ γ ” and “ θ ” in Table 7, below.

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 7, below, is shown in Figure 1.

Table 6

⁴ 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.

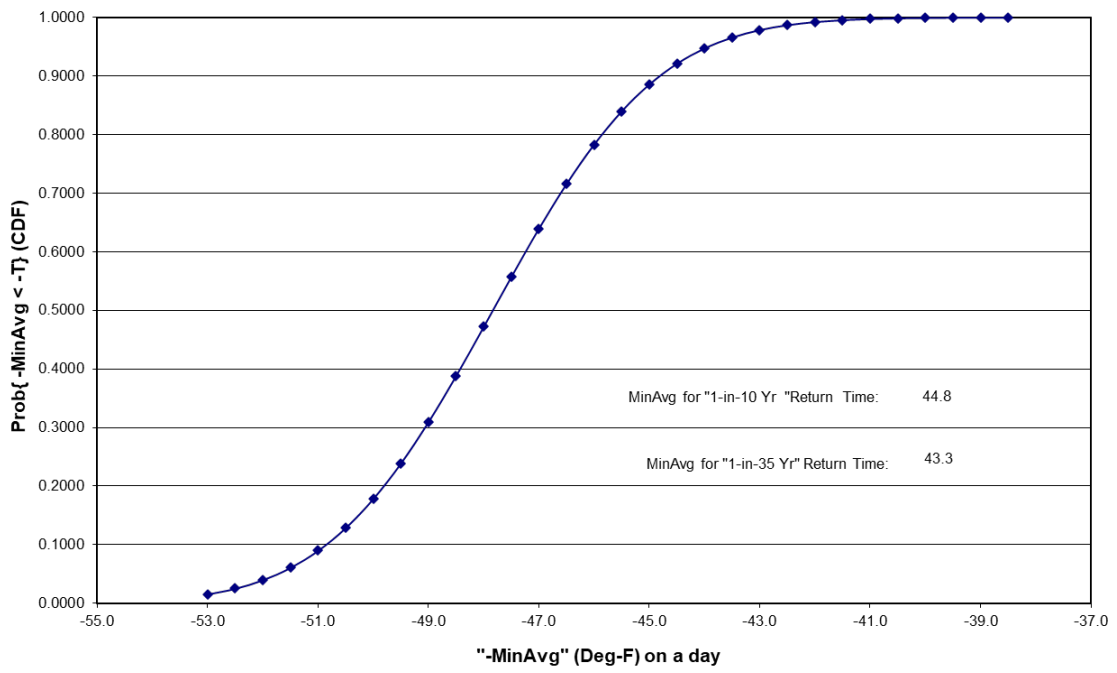
YEAR	MINAVG	Month(MinAvg)
1972	46.7634	Dec
1973	46.1862	Jan
1974	44.2058	Dec
1975	44.1862	Jan
1976	45.0710	Jan
1977	50.6605	Mar
1978	42.7120	Dec
1979	45.1544	Jan
1980	53.7953	Jan
1981	49.8467	Jan
1982	48.8210	Dec
1983	51.4877	Jan
1984	48.4620	Dec
1985	46.1029	Dec
1986	50.1029	Feb
1987	41.4877	Dec
1988	45.4362	Dec
1989	45.1544	Jan
1990	43.7696	Feb
1991	48.7696	Mar
1992	47.1544	Dec
1993	46.7696	Jan
1994	48.0515	Nov
1995	51.1544	Dec
1996	48.7696	Feb
1997	49.0772	Dec
1998	46.7696	Dec
1999	48.7953	Jan
2000	50.3591	Jan
2001	47.6924	Jan
2002	45.7438	Jan
2003	49.0515	Dec
2004	47.7438	Nov
2005	47.7953	Jan
2006	48.3591	Dec
2007	43.3591	Jan
2008	48.7181	Dec
2009	48.4105	Feb
2010	48.1801	Dec
2011	49.0772	Feb
2012	48.1286	Dec
2013	44.1286	Jan
2014	47.7696	Dec
2015	48.2596	Jan
2016	50.2981	Feb
2017	51.2670	Jan
2018	49.9341	Dec
2019	48.4877	Feb
2020	48.1029	Feb
2021	47.6409	Dec

Table 7 (alpha=0.375)

<u>Year</u>	<u>Days/Yr</u>	<u>-MinAvg</u>	<u>Month</u> <u>(-MinAvg)</u>	<u>Rank</u>	<u>Emprical</u> <u>CDF</u>	<u>Fitted</u> <u>Model CDF</u>
1980	366	-53.7953	Jan	1	0.0124	-2.4766
1983	365	-51.4877	Jan	2	0.0323	-1.5444
2017	365	-51.2670	Jan	3	0.0522	-1.4553
1995	365	-51.1544	Dec	4	0.0721	-1.4098
1977	365	-50.6605	Mar	5	0.0920	-1.2103
2000	366	-50.3591	Jan	6	0.1119	-1.0885
2016	366	-50.2981	Feb	7	0.1318	-1.0639
1986	365	-50.1029	Feb	8	0.1517	-0.9850
2018	365	-49.9341	Dec	9	0.1716	-0.9169
1981	365	-49.8467	Jan	10	0.1915	-0.8816
1997	365	-49.0772	Dec	11	0.2114	-0.5707
2011	365	-49.0772	Feb	12	0.2313	-0.5707
2003	365	-49.0515	Dec	13	0.2512	-0.5603
1982	365	-48.8210	Dec	14	0.2711	-0.4672
1999	365	-48.7953	Jan	15	0.2910	-0.4568
1991	365	-48.7696	Mar	16	0.3109	-0.4464
1996	366	-48.7696	Feb	17	0.3308	-0.4464
2008	366	-48.7181	Dec	18	0.3507	-0.4256
2019	365	-48.4877	Feb	19	0.3706	-0.3325
1984	366	-48.4620	Dec	20	0.3905	-0.3222
2009	365	-48.4105	Feb	21	0.4104	-0.3014
2006	365	-48.3591	Dec	22	0.4303	-0.2806
2015	365	-48.2596	Jan	23	0.4502	-0.2404
2010	365	-48.1801	Dec	24	0.4701	-0.2083
2012	366	-48.1286	Dec	25	0.4900	-0.1875
2020	366	-48.1029	Feb	26	0.5100	-0.1771
1994	365	-48.0515	Nov	27	0.5299	-0.1563
2005	365	-47.7953	Jan	28	0.5498	-0.0528
2014	365	-47.7696	Dec	29	0.5697	-0.0425
2004	366	-47.7438	Nov	30	0.5896	-0.0321
2001	365	-47.6924	Jan	31	0.6095	-0.0113
2021	365	-47.6409	Dec	32	0.6294	0.0095
1992	366	-47.1544	Dec	33	0.6493	0.2061
1993	365	-46.7696	Jan	34	0.6692	0.3615
1998	365	-46.7696	Dec	35	0.6891	0.3615
1972	366	-46.7634	Dec	36	0.7090	0.3640
1973	365	-46.1862	Jan	37	0.7289	0.5972
1985	365	-46.1029	Dec	38	0.7488	0.6308
2002	365	-45.7438	Jan	39	0.7687	0.7759
1988	366	-45.4362	Dec	40	0.7886	0.9001
1979	365	-45.1544	Jan	41	0.8085	1.0140
1989	365	-45.1544	Jan	42	0.8284	1.0140
1976	366	-45.0710	Jan	43	0.8483	1.0477
1974	365	-44.2058	Dec	44	0.8682	1.3972
1975	365	-44.1862	Jan	45	0.8881	1.4051
2013	365	-44.1286	Jan	46	0.9080	1.4283
1990	365	-43.7696	Feb	47	0.9279	1.5734
2007	365	-43.3591	Jan	48	0.9478	1.7392
1978	365	-42.7120	Dec	49	0.9677	2.0006
1987	365	-41.4877	Dec	50	0.9876	2.4952

"Gamma" (Fitted) =	-47.84
"Theta" (Fitted) =	2.33
Deg. Freedom=	48

Figure 1
CDF for the Random Variable: "-MinAvg",
[Minimum System Avg. Temp (Deg-F) on a Day over a Year]



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 7, above) to calculate the fitted temperatures as a function of the empirical CDF listed in Table 7. 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 8, 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 0.60 Deg-F.

Table 8

<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>
U	53.7953	53.2170	0.5783	0.334375
U	51.4877	52.2310	-0.7434	0.552571
U	51.2670	51.6830	-0.4160	0.173093
U	51.1544	51.2868	-0.1324	0.017542
U	50.6605	50.9696	-0.3091	0.095533
U	50.3591	50.7012	-0.3421	0.117054
U	50.2981	50.4660	-0.1679	0.028198
U	50.1029	50.2549	-0.1520	0.023099
U	49.9341	50.0620	-0.1278	0.016343
U	49.8467	49.8833	-0.0366	0.001337
U	49.0772	49.7160	-0.6388	0.408110
U	49.0772	49.5580	-0.4808	0.231165
U	49.0515	49.4076	-0.3561	0.126823
U	48.8210	49.2635	-0.4425	0.195823
U	48.7953	49.1248	-0.3295	0.108602
U	48.7696	48.9906	-0.2211	0.048875
U	48.7696	48.8602	-0.0907	0.008221
M	48.7181	48.7330	-0.0149	0.000222
M	48.4877	48.6085	-0.1208	0.014592
M	48.4620	48.4862	-0.0242	0.000585
M	48.4105	48.3656	0.0449	0.002014
M	48.3591	48.2465	0.1125	0.012660
M	48.2596	48.1285	0.1310	0.017169
M	48.1801	48.0113	0.1688	0.028488
M	48.1286	47.8945	0.2341	0.054813
M	48.1029	47.7779	0.3250	0.105649
M	48.0515	47.6611	0.3904	0.152392
M	47.7953	47.5438	0.2515	0.063232
M	47.7696	47.4258	0.3437	0.118156
M	47.7438	47.3067	0.4371	0.191060
M	47.6924	47.1862	0.5062	0.256214
M	47.6409	47.0639	0.5771	0.332990
M	47.1544	46.9393	0.2150	0.046228
L	46.7696	46.8121	-0.0426	0.001812
L	46.7696	46.6817	0.0878	0.007716
L	46.7634	46.5475	0.2159	0.046606
L	46.1862	46.4088	-0.2226	0.049550
L	46.1029	46.2648	-0.1619	0.026210
L	45.7438	46.1144	-0.3706	0.137311
L	45.4362	45.9564	-0.5201	0.270530
L	45.1544	45.7891	-0.6347	0.402854
L	45.1544	45.6104	-0.4560	0.207967
L	45.0710	45.4175	-0.3465	0.120038
L	44.2058	45.2064	-1.0006	1.001128
L	44.1862	44.9712	-0.7849	0.616140
L	44.1286	44.7028	-0.5741	0.329648
L	43.7696	44.3856	-0.6160	0.379461
L	43.3591	43.9894	-0.6303	0.397285
L	42.7120	43.4413	-0.7294	0.531984
L	41.4877	42.4553	-0.9676	0.936331
Overall RMSE ($e_{(i)}$):				0.43 °F
Upper 3rd RMSE ($e_{(i)}$):				0.41 °F
Middle 3rd RMSE ($e_{(i)}$):				0.32 °F
Lower 3rd RMSE ($e_{(i)}$):				0.60 °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 (43.3°F) associated with a 1-in-35 annual likelihood, the return period is 35 years (δ=1/35). For the 44.8°F peak-day design temperature, the return period is 10 years (δ=1/10). Occasionally, a less precise terminology is used. For example, the 43.3°F peak-day design temperature may be referred to as a “1-in-35 year cold day”; and the 44.8°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.

SERVICE AREA ECONOMIC FORECAST



SAN DIEGO GAS & ELECTRIC COMPANY SERVICE AREA ECONOMIC FORECAST

(Employment based on Global Insight's November 2021 Regional Forecast)

	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EMPLOYMENT (1000's)										
Total	1,431.5	1,461.0	1,491.5	1,512.9	1,394.5	1,418.4	1,488.1	1,520.9	1,538.3	1,552.9
I: Industrial (all manufacturing + mining)	108.7	109.7	112.7	116.0	114.2	114.2	115.7	116.9	116.9	116.7
C1: Office (Financial+Bus. & Professional Svcs)	307.7	313.7	325.0	332.2	322.0	327.0	344.6	353.6	359.1	365.0
C2: Restaurants	131.4	135.3	138.0	139.4	105.6	113.0	131.6	148.0	153.5	155.4
C3: Retail Trade	147.5	149.0	148.0	145.8	134.2	139.0	135.7	130.0	125.0	120.9
C4: Laundry & other Personal Services	20.1	20.1	20.7	21.8	14.5	16.1	18.4	19.0	19.3	19.6
C5: Wholesale Trade & Warehouses	45.7	45.9	46.0	46.4	43.1	41.7	43.8	45.8	47.4	49.2
C6: Primary & Secondary Schools	96.0	96.9	97.1	98.7	90.3	86.0	89.0	89.3	90.7	92.2
C7: Colleges (including other adult education)	45.4	46.2	46.3	44.6	41.0	41.8	43.2	43.4	44.1	44.8
C8: Health Services	169.0	174.7	179.5	186.4	182.9	187.1	193.6	194.1	197.3	200.6
C9: Accommodation	30.1	30.9	31.3	32.1	20.3	20.7	24.1	27.1	28.1	28.5
C10: Misc. (all other commercial employment)	63.2	64.4	65.1	64.9	49.0	50.7	58.2	60.4	61.2	62.2
C11: Government (non-education)	130.6	132.8	134.0	135.4	133.1	132.8	137.5	139.6	140.7	141.8
C12: Transportation, Information, and Utilities	51.0	53.3	54.7	55.5	53.2	52.8	54.9	56.2	58.6	60.6
C13: Construction	76.3	79.5	83.7	84.0	81.9	86.3	88.7	88.5	87.3	86.4
C14: Agriculture	8.9	8.7	9.3	9.7	9.2	9.2	9.1	9.1	9.0	9.0
OTHER INDICATORS										
Southern California Consumer Inflation*	1.9%	2.8%	3.8%	3.1%	1.6%	3.8%	5.0%	1.9%	2.1%	2.1%
Inflation--US Gross Domestic Product**	0.7%	1.9%	2.3%	1.5%	1.2%	3.9%	4.4%	2.2%	2.1%	2.1%

* Consumer Price Index for Greater Los Angeles area (Los Angeles and Orange Counties), from Global Insight's February 2022 Regional Forecast.

** Chained Price Index--US GDP: from Global Insight's February 2022 Forecast of the U.S. Economy; beyond 2032 is from their November 2021 long-term forecast.

SAN DIEGO GAS & ELECTRIC COMPANY SERVICE AREA ECONOMIC FORECAST

(Employment based on Global Insight's November 2021 Regional Forecast)

	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
EMPLOYMENT (1000's)										
Total	1,568.5	1,580.8	1,591.6	1,601.0	1,609.5	1,615.5	1,622.0	1,630.2	1,637.6	1,644.7
I: Industrial (all manufacturing + mining)	116.8	117.1	116.8	116.6	116.2	116.2	116.1	116.1	116.0	115.9
C1: Office (Financial+Bus. & Professional Svcs)	370.5	375.2	379.5	382.7	385.2	384.8	384.5	386.0	387.9	389.7
C2: Restaurants	156.6	157.6	159.1	161.0	163.0	163.8	163.8	164.1	163.7	163.5
C3: Retail Trade	119.5	117.9	117.0	116.4	116.6	117.3	118.6	120.4	122.0	123.8
C4: Laundry & other Personal Services	19.9	20.2	20.5	20.7	20.9	21.0	21.1	21.1	21.2	21.3
C5: Wholesale Trade & Warehouses	50.6	51.2	51.1	51.0	50.7	50.6	50.4	50.1	49.8	49.5
C6: Primary & Secondary Schools	93.8	95.2	96.3	97.2	97.7	98.9	100.2	101.1	102.0	102.6
C7: Colleges (including other adult education)	45.6	46.2	46.8	47.2	47.5	48.0	48.6	49.1	49.5	49.8
C8: Health Services	204.0	207.0	209.5	211.4	212.5	215.1	217.8	219.8	221.8	223.0
C9: Accommodation	28.7	28.9	29.1	29.5	29.9	30.0	30.0	30.0	30.0	29.9
C10: Misc. (all other commercial employment)	63.2	64.2	65.1	65.7	66.2	66.7	66.9	67.0	67.3	67.5
C11: Government (non-education)	142.9	143.7	144.3	144.8	146.1	145.9	146.4	147.0	147.5	148.0
C12: Transportation, Information, and Utilities	61.8	61.8	61.5	61.1	60.6	60.4	60.3	60.0	59.5	59.2
C13: Construction	85.6	85.6	86.0	86.9	87.7	87.9	88.5	89.7	91.0	92.4
C14: Agriculture	8.9	8.9	8.8	8.8	8.8	8.7	8.7	8.6	8.6	8.5
OTHER INDICATORS										
Southern California Consumer Inflation*	2.2%	2.3%	2.4%	2.4%	2.3%	2.3%	2.2%	2.2%	2.3%	2.3%
Inflation--US Gross Domestic Product**	2.1%	2.2%	2.2%	2.2%	2.2%	2.1%	2.1%	2.1%	2.1%	2.1%

* Consumer Price Index for Greater Los Angeles area (Los Angeles and Orange Counties), from Global Insight's February 2022 Regional Forecast.

** Chained Price Index--US GDP: from Global Insight's February 2022 Forecast of the U.S. Economy; beyond 2032 is from their November 2021 long-term forecast.