

**ENERGYNORTH
NATURAL GAS, INC.**

(d/b/a KeySpan Energy Delivery New England)

**INTEGRATED
RESOURCE PLAN**

(November 1, 2006 – October 31, 2011)

DG 06-105

Appendix A



APPENDIX A

KeySpan Energy Delivery New England
 EnergyNorth Natural Gas Inc.
 Commercial & Industrial Customers Forecasting (2006 – 2010)

Model		D1	D2	D3	ARIMA	Winter's	Weighted C & I Customers
Var	Dependent	CUSCI	CUSCI	CUSCI	CUSCI	CUSCI	
	Independent	CUSCI_1	CUSCI_1	CUSCI_1			
		POP	LBFC	GSP			
		AUTO(-4)	AUTO(-4)	AUTO(-4)			

Weight		20.00%	20.00%	20.00%	20.00%	20.00%	100.00%
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Commercial & Industrial Customer Forecast – Percent Growth from Base Year (2005)

2006Q4-2007Q3	2.04%	1.95%	5.87%	2.55%	2.69%	3.03%
2007Q4-2008Q3	1.77%	1.70%	6.33%	2.63%	2.61%	3.04%
2008Q4-2009Q3	1.88%	1.83%	6.54%	2.53%	2.55%	3.13%
2009Q4-2010Q3	1.69%	1.67%	6.44%	2.43%	2.48%	3.04%
2010Q4-2011Q3	1.47%	1.43%	6.19%	2.42%	2.42%	2.91%
Average	1.77%	1.72%	6.27%	2.51%	2.55%	3.03%

Commercial & Industrial Customer Forecast (Annual)

2005Q4-2006Q3	10,486	10,482	10,643	10,549	10,442	10,520
2006Q4-2007Q3	10,700	10,687	11,267	10,818	10,723	10,839
2007Q4-2008Q3	10,890	10,869	11,980	11,102	11,003	11,169
2008Q4-2009Q3	11,094	11,068	12,764	11,382	11,283	11,518
2009Q4-2010Q3	11,281	11,253	13,585	11,659	11,563	11,868
2010Q4-2011Q3	11,448	11,413	14,425	11,942	11,843	12,214
Average	10,983	10,962	12,444	11,242	11,143	11,355

Commercial & Industrial Customer Forecast (Quarterly)

2005Q1	10,053	10,053	10,053	10,053	10,053	10,053
2005Q2	10,202	10,202	10,202	10,202	10,202	10,202
2005Q3	10,703	10,703	10,703	10,703	10,703	10,703
2005Q4	10,325	10,325	10,325	10,325	10,325	10,325
2006Q1	10,369	10,366	10,485	10,602	10,500	10,464
2006Q2	10,466	10,461	10,677	10,584	10,429	10,524
2006Q3	10,784	10,777	11,085	10,684	10,514	10,769
2006Q4	10,560	10,550	10,940	10,609	10,607	10,653
2007Q1	10,621	10,609	11,132	10,751	10,780	10,779
2007Q2	10,704	10,689	11,331	10,759	10,709	10,839
2007Q3	10,916	10,900	11,665	11,153	10,794	11,086
2007Q4	10,788	10,770	11,653	10,865	10,887	10,993
2008Q1	10,843	10,822	11,853	11,092	11,060	11,134
2008Q2	10,895	10,872	12,061	11,136	10,989	11,191
2008Q3	11,034	11,011	12,354	11,313	11,074	11,357
2008Q4	10,986	10,961	12,432	11,171	11,167	11,343
2009Q1	11,053	11,027	12,643	11,352	11,340	11,483
2009Q2	11,106	11,079	12,856	11,336	11,270	11,529
2009Q3	11,232	11,206	13,123	11,671	11,355	11,717
2009Q4	11,217	11,189	13,254	11,431	11,447	11,708
2010Q1	11,243	11,214	13,469	11,630	11,620	11,835
2010Q2	11,298	11,270	13,684	11,678	11,550	11,896
2010Q3	11,368	11,339	13,933	11,899	11,635	12,035
2010Q4	11,365	11,335	14,098	11,722	11,727	12,049
2011Q1	11,417	11,387	14,314	11,922	11,900	12,188
2011Q2	11,463	11,429	14,528	11,910	11,830	12,232
2011Q3	11,545	11,503	14,762	12,212	11,915	12,387
2011Q4	11,544	11,517	14,943	11,997	12,007	12,402

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KeySpan Energy Delivery New England
 EnergyNorth Natural Gas Inc.
 Number of Commercial and Industrial Customers Forecasting

Regression Model: D1
 Dependent Variable: CUSCI
 Independent Variable: CUSCI_1 POP Auto(-4)

Size 85 Parameter: 3
 Mean 7462.374 Std Dev 1741.739
 R-Square 0.9994 DW 2.3058
 SSE 3017373 MSE 35499

Term	CUSCI_1	POP	Auto(-4)
Estimate	0.9309	0.5111	-0.621
Std Error	0.0378	0.25	0.0917
T-Ratio	24.66	2.04	-6.77
Pr>[t]	<.0001	0.044	<.0001

Forecasts (from Base Period 2005-Q4)

Date	LCL	Forecast	UCL
2006Q1	9999.551	10369.02	10738.49
2006Q2	10092.65	10466.01	10839.38
2006Q3	10406.78	10784.19	11161.6
2006Q4	10177.34	10559.87	10942.41
2007Q1	10234.57	10620.96	11007.36
2007Q2	10313.82	10704.07	11094.33
2007Q3	10521.86	10916.05	11310.25
2007Q4	10389.58	10788.31	11187.03
2008Q1	10440.19	10842.68	11245.16
2008Q2	10488.4	10894.61	11300.82
2008Q3	10624.57	11034.48	11444.39
2008Q4	10571.63	10985.53	11399.43
2009Q1	10635.41	11052.89	11470.36
2009Q2	10685.06	11106.14	11527.21
2009Q3	10807.77	11232.42	11657.08
2009Q4	10788.34	11216.82	11645.29
2010Q1	10810.6	11242.61	11674.63
2010Q2	10863.02	11298.47	11733.92
2010Q3	10928.81	11367.68	11806.56
2010Q4	10922.47	11364.8	11807.14
2011Q1	10975.09	11417.43	11866.29
2011Q2	11022.87	11463	11920.59
2011Q3	11076.43	11545.11	11980.63
2011Q4	11120.21	11544.04	12030.91

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KeySpan Energy Delivery New England
 EnergyNorth Natural Gas Inc.
 Number of Commercial and Industrial Customers Forecasting

Regression Model: D2
 Dependent Variable: CUSCI
 Independent Variable: CUSCI_1 LBFC Auto(-4)

Size 85 Parameter: 3
 Mean 7462.374 Std Dev 1741.739
 R-Square 0.9994 DW 2.2967
 SSE 3007516 MSE 35383

Term	CUSCI_1	LBFC	Auto(-4)
Estimate	0.9237	1.0101	-0.6224
Std Error	0.04	0.4792	0.0917
T-Ratio	23.11	2.11	-6.79
Pr>[t]	<.0001	0.038	<.0001

Forecasts (from Base Period 2005-Q4)

Date	LCL	Forecast	UCL
2006Q1	9954.965	10366.26	10777.55
2006Q2	10087.68	10460.75	10833.81
2006Q3	10399.96	10777.05	11154.14
2006Q4	10168.3	10550.49	10932.68
2007Q1	10222.76	10608.78	10994.81
2007Q2	10299.57	10689.42	11079.26
2007Q3	10506.1	10899.83	11293.57
2007Q4	10371.5	10769.71	11167.92
2008Q1	10420.05	10821.96	11223.87
2008Q2	10466.73	10872.3	11277.88
2008Q3	10602.22	11011.42	11420.62
2008Q4	10547.64	10960.76	11373.88
2009Q1	10610.22	11026.85	11443.48
2009Q2	10659.22	11079.38	11499.53
2009Q3	10781.85	11205.52	11629.19
2009Q4	10761.58	11188.99	11616.4
2010Q1	10783.43	11214.32	11645.21
2010Q2	10835.44	11269.69	11703.94
2010Q3	10901.26	11338.86	11776.47
2010Q4	10894.05	11335.05	11776.06
2011Q1	10942.78	11386.98	11831.19
2011Q2	10981.49	11428.88	11876.27
2011Q3	11052.2	11502.73	11953.27
2011Q4	11063.25	11517	11970.74

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KeySpan Energy Delivery New England
 EnergyNorth Natural Gas Inc.
 Number of Commercial and Industrial Customers Forecasting

Regression Model: D3
 Dependent Variable: CUSCI
 Independent Variable: CUSCI_1 GSP Auto(-4)

Size 85 Parameter: 3
 Mean 7462.374 Std Dev 1741.739
 R-Square 0.9994 DW 2.3068
 SSE 3105003 MSE 36529

Term	CUSCI_1	GSP	Auto(-4)
Estimate	0.9525	0.0119	-0.6271
Std Error	0.0418	0.008926	0.0916
T-Ratio	22.81	1.33	-6.85
Pr>[t]	<.0001	0.1871	<.0001

Forecasts (from Base Period 2005-Q4)

Date	LCL	Forecast	UCL
2006Q1	10044.22	10485.04	10925.86
2006Q2	10279.1	10676.89	11074.68
2006Q3	10682.14	11084.72	11487.29
2006Q4	10531.33	10940.22	11349.12
2007Q1	10718.24	11132.39	11546.54
2007Q2	10911.36	11331.28	11751.2
2007Q3	11239.05	11665.27	12091.49
2007Q4	11219.43	11653.11	12086.79
2008Q1	11412.35	11852.97	12293.58
2008Q2	11612.75	12060.79	12508.83
2008Q3	11897.74	12353.71	12809.69
2008Q4	11967.05	12431.87	12896.69
2009Q1	12169.44	12642.92	13116.39
2009Q2	12373.64	12856.25	13338.86
2009Q3	12630.82	13123.02	13615.23
2009Q4	12751.69	13254.19	13756.68
2010Q1	12955.75	13468.54	13981.32
2010Q2	13160.87	13684.34	14207.82
2010Q3	13398.39	13932.94	14467.5
2010Q4	13551.58	14097.74	14643.9
2011Q1	13756.08	14313.93	14871.78
2011Q2	13957.7	14527.57	15097.44
2011Q3	14179.54	14761.73	15343.93
2011Q4	14348.48	14943.37	15538.26

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KeySpan Energy Delivery New England
 EnergyNorth Natural Gas Inc.
 Residential Customers Forecasting

ARIMA Model (4,2,0)

Time Series: CUSCI

Size	1.331409	Parameter:	5		
Mean	7462.374	Std Dev	1741.739		
R-Square	0.993631	DW	1.331409		
SSE	1096.782	MSE	1724694	RMSE	1313.276
Estimation					
Parameter	MU	AR1_1	AR1_2	AR1_3	AR1_4
Estimate	279.5836	0.627437	0.179011	-0.719115	0.386266
Standard Error	29.68743	0.090442	0.095932	0.10739	0.109028
t Value	9.417574	6.93745	1.866012	-6.696291	3.542809
FACTOR		0	1	1	1
Lag		0	1	3	4

Forecasts (from Base Period 2005-Q4)

Date	L95	Forecast	U95
2006Q1	10313.73	10601.51	10889.29
2006Q2	10244.72	10584.46	10924.19
2006Q3	10325.93	10684.06	11042.19
2006Q4	10230.52	10609.05	10987.58
2007Q1	10327.29	10750.86	11174.44
2007Q2	10318.03	10758.51	11198.98
2007Q3	10703.85	11152.66	11601.46
2007Q4	10414.57	10865.49	11316.41
2008Q1	10578.02	11092.37	11606.72
2008Q2	10598.54	11136.37	11674.2
2008Q3	10767.56	11313.08	11858.59
2008Q4	10615.81	11171.04	11726.27
2009Q1	10755.25	11352.37	11949.48
2009Q2	10723.01	11335.58	11948.15
2009Q3	11049.95	11670.53	12291.12
2009Q4	10807.54	11431.28	12055.01
2010Q1	10963.54	11629.54	12295.54
2010Q2	10994.96	11677.82	12360.68
2010Q3	11210.52	11898.92	12587.32
2010Q4	11028.06	11722.3	12416.54
2011Q1	11191.23	11921.78	12652.33
2011Q2	11166.34	11910.19	12654.04
2011Q3	11461.46	12211.95	12962.43
2011Q4	11243.18	11997.13	12751.08

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KeySpan Energy Delivery New England
 EnergyNorth Natural Gas Inc.
 Number of Commercial and Industrial Customers Forecasting

Model: Winters Exponential Smoothing Model
 Var: CUSCI
 Method Add Winters

Size 1.86041 Parameter: 6
 Mean 7462.374 Std Dev 1741.739
 R-Square 0.987845 DW 1.86041
 SSE 946.8496 MSE 3244799 RMSE 1801.333

	Constant	Linear	Quarter1	Quarter2	Quarter3	Quarter4
Estimate	10337.64	70.00981	92.29171	-48.25213	-33.26256	-10.77702
Weight	0.105573	0.105573	0.25	0.25	0.25	0.25

Forecasts (from Base Period 2005-Q4)

Date	L95	Forecast	U95
2006Q1	10112.41	10499.94	10887.47
2006Q2	10039.25	10429.4	10819.56
2006Q3	10121.11	10514.4	10907.7
2006Q4	10209.93	10606.9	11003.86
2007Q1	10378.61	10779.98	11181.34
2007Q2	10303.07	10709.44	11115.81
2007Q3	10382.44	10794.44	11206.45
2007Q4	10468.65	10886.94	11305.23
2008Q1	10634.64	11060.02	11485.4
2008Q2	10556.33	10989.48	11422.63
2008Q3	10632.88	11074.48	11516.09
2008Q4	10716.23	11166.98	11617.72
2009Q1	10879.36	11340.06	11800.75
2009Q2	10798.19	11269.52	11740.85
2009Q3	10871.88	11354.52	11837.17
2009Q4	10952.39	11447.02	11941.64
2010Q1	11112.73	11620.1	12127.46
2010Q2	11028.82	11549.56	12070.3
2010Q3	11099.81	11634.56	12169.31
2010Q4	11177.67	11727.06	12276.44
2011Q1	11335.44	11900.13	12464.82
2011Q2	11249.02	11829.6	12410.18
2011Q3	11317.56	11914.6	12511.64
2011Q4	11393.04	12007.1	12621.15

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KeySpan Energy Delivery New England
 EnergyNorth Natural Gas Inc.
 Commercial & Industrial Gas Use Per Customer Forecasting (Dth/Customer)(2006-2010)

Model		E1	E2	E3	ARIMA	Weighted C & I Use Per
Var	Dependent	USNCI	USNCI	USNCI	USNCI	
	Independent	PRCG	PRCG	PRCG		
		GSP	EMP	PCI		
		CDDN	CDDN	CDDN		
		AUTO(-4)	AUTO(-4)	AUTO(-4)		
Weight		25.00%	25.00%	25.00%	25.00%	100.00%

Commercial & Industrial Use Per Customer Forecast -- Percent Growth from Base Year (2005)

2006Q4-2007Q3	1.45%	-0.86%	0.98%	0.93%	0.63%
2007Q4-2008Q3	1.77%	-0.63%	1.28%	-1.74%	0.15%
2008Q4-2009Q3	2.19%	-0.53%	1.56%	-1.71%	0.38%
2009Q4-2010Q3	2.09%	-0.50%	1.54%	-0.30%	0.74%
2010Q4-2011Q3	2.05%	-0.49%	1.37%	0.43%	0.88%
Average	1.91%	-0.60%	1.35%	-0.48%	0.56%

Commercial & Industrial Use Per Customer Forecast (Annual)

2005Q4-2006Q3	733	724	728	765	738
2006Q4-2007Q3	743	718	735	773	742
2007Q4-2008Q3	756	713	745	759	743
2008Q4-2009Q3	773	709	756	746	746
2009Q4-2010Q3	789	706	768	744	752
2010Q4-2011Q3	805	702	779	747	758
Average	767	712	752	756	747

Commercial & Industrial Use Per Customer Forecast (Quarterly)

2005Q1	395	395	395	395	395
2005Q2	161	161	161	161	161
2005Q3	66	66	66	66	66
2005Q4	137	137	137	137	137
2006Q1	383	380	381	395	385
2006Q2	151	149	150	156	152
2006Q3	62	59	61	78	65
2006Q4	150	143	148	138	145
2007Q1	378	371	375	407	383
2007Q2	150	145	148	155	149
2007Q3	65	59	64	74	65
2007Q4	161	148	158	131	149
2008Q1	375	364	371	402	378
2008Q2	151	142	149	152	149
2008Q3	69	59	67	74	67
2008Q4	172	153	168	128	155
2009Q1	374	358	368	398	374
2009Q2	153	140	150	152	149
2009Q3	74	59	71	67	68
2009Q4	183	157	177	125	161
2010Q1	373	352	365	397	372
2010Q2	156	138	151	150	149
2010Q3	78	59	74	71	71
2010Q4	193	161	186	125	166
2011Q1	372	346	363	401	371
2011Q2	158	136	152	150	149
2011Q3	83	59	78	71	72
2011Q4	202	165	194	124	171

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KeySpan Energy Delivery New England
 EnergyNorth Natural Gas Inc.
 Number of Commercial and Industrial Customers Forecasting

Regression Model: E1
 Dependent Variable: USNCI
 Independent Variable: PRCG_1 GSP CDDN Auto(-4)

Size 84 Parameter: 3
 Mean 175.3273 Std Dev 99.54606
 R-Square 0.9936 DW 1.6033
 SSE 2275352 MSE 27088

Term	PRCG_1	GSP	CDDN	Auto(-4)
Estimate	-31.4242	0.0154	0.7471	-0.9091
Std Error	13.4085	0.005063	0.0826	0.0555
T-Ratio	-2.34	3.05	9.04	-16.38
Pr>[t]	0.0215	0.0031	<.0001	<.0001

Forecasts (from Base Period 2005-Q4)

Date	LCL	Forecast	UCL
2006Q1	363.1864	382.9923	402.7981
2006Q2	131.1244	151.3293	171.5342
2006Q3	41.50724	61.60318	81.69913
2006Q4	129.984	150.124	170.2641
2007Q1	358.1547	378.1884	398.2221
2007Q2	129.5283	149.9125	170.2967
2007Q3	44.66131	64.94145	85.22159
2007Q4	140.5037	160.8159	181.1282
2008Q1	354.8179	375.0224	395.227
2008Q2	130.7385	151.2585	171.7785
2008Q3	48.79252	69.2115	89.63049
2008Q4	151.6309	172.0698	192.5088
2009Q1	353.3007	373.6332	393.9658
2009Q2	132.7717	153.3958	174.0199
2009Q3	53.28147	73.8072	94.33292
2009Q4	162.2438	182.7787	203.3136
2010Q1	352.1721	372.6043	393.0364
2010Q2	134.8213	155.5246	176.228
2010Q3	57.56071	78.16843	98.77614
2010Q4	172.1763	192.7846	213.3929
2011Q1	351.5866	372.0974	392.6081
2011Q2	137.0743	157.8396	178.6049
2011Q3	61.87784	82.55008	103.2223
2011Q4	181.6389	202.3044	222.9699

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KeySpan Energy Delivery New England
 EnergyNorth Natural Gas Inc.
 Number of Commercial and Industrial Customers Forecasting

Regression Model: E2
 Dependent Variable: USNCI
 Independent Variable: PRCG_1 LBFC CDDN Auto(-4)

Size 84 Parameter: 3
 Mean 175.3273 Std Dev 99.54606
 R-Square 0.9936 DW 1.5239
 SSE 2295214 MSE 27324

Term	PRCG_1	LBFC	CDDN	Auto(-4)
Estimate	-25.3783	1.0834	0.6731	-0.9262
Std Error	12.9077	0.4432	0.118	0.0513
T-Ratio	-1.97	2.44	5.7	-18.04
Pr>[t]	0.0526	0.0166	<.0001	<.0001

Forecasts (from Base Period 2005-Q4)

Date	LCL	Forecast	UCL
2006Q1	359.98	379.662	399.3441
2006Q2	128.7001	148.7727	168.8454
2006Q3	38.76556	58.73124	78.69691
2006Q4	122.692	142.7091	162.7262
2007Q1	351.3861	371.3021	391.2182
2007Q2	124.4433	144.6866	164.9299
2007Q3	38.74699	58.88999	79.03299
2007Q4	127.5446	147.7343	167.9239
2008Q1	344.1133	364.2019	384.2906
2008Q2	121.7867	142.154	162.5213
2008Q3	38.6808	58.95328	79.22576
2008Q4	132.2109	152.5264	172.8419
2009Q1	337.6502	357.8657	378.0811
2009Q2	119.3455	139.8006	160.2557
2009Q3	38.67126	59.03672	79.40217
2009Q4	136.5994	157.0049	177.4103
2010Q1	331.6812	351.9882	372.2951
2010Q2	117.0984	137.6127	158.127
2010Q3	38.66634	59.09586	79.52538
2010Q4	140.6464	161.1135	181.5805
2011Q1	326.1261	346.4968	366.8674
2011Q2	114.9825	135.5334	156.0842
2011Q3	38.63003	59.10065	79.57127
2011Q4	144.3666	164.8728	185.379

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KeySpan Energy Delivery New England
 EnergyNorth Natural Gas Inc.
 Number of Commercial and Industrial Customers Forecasting

Regression Model: E3
 Dependent Variable: USNCI
 Independent Variable: PRCG_1 PCI CDDN Auto(-4)

Size 84 Parameter: 3
 Mean 175.3273 Std Dev 99.54606
 R-Square 0.9937 DW 1.5946
 SSE 2262254 MSE 26932

Term	PRCG_1	PCI	CDDN	Auto(-4)
Estimate	-30.4444	22.9306	0.7175	-0.9097
Std Error	13.19	7.2926	0.0875	0.0557
T-Ratio	-2.31	3.14	8.2	-16.33
Pr>[t]	0.0234	0.0023	<.0001	<.0001

Forecasts (from Base Period 2005-Q4)

Date	LCL	Forecast	UCL
2006Q1	361.2463	380.9842	400.7221
2006Q2	129.6978	149.827	169.9561
2006Q3	40.78146	60.80308	80.8247
2006Q4	128.1086	148.1775	168.2463
2007Q1	355.1295	375.0937	395.0579
2007Q2	127.943	148.2459	168.5489
2007Q3	43.69852	63.89892	84.09931
2007Q4	137.7179	157.9537	178.1896
2008Q1	350.6594	370.7891	390.9188
2008Q2	128.3223	148.7521	169.182
2008Q3	46.99289	67.32371	87.65453
2008Q4	147.42	167.7757	188.1314
2009Q1	347.5832	367.8336	388.0841
2009Q2	129.2721	149.7941	170.3162
2009Q3	50.62733	71.05343	91.47953
2009Q4	156.8139	177.2554	197.6969
2010Q1	345.1363	365.4754	385.8145
2010Q2	130.3371	150.9244	171.5117
2010Q3	53.93042	74.4248	94.91918
2010Q4	165.2502	185.7528	206.2553
2011Q1	342.9017	363.3059	383.7101
2011Q2	131.3338	151.9658	172.5978
2011Q3	57.06275	77.60483	98.1469
2011Q4	173.1455	193.6898	214.2342

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KeySpan Energy Delivery New England
 EnergyNorth Natural Gas Inc.
 Residential Customers Forecasting

ARIMA Model (4,1,1)

Time Series: USNCI

Size	2.002519	Parameter:	6
Mean	175.3273	Std Dev	99.54606
R-Square	0.976265	DW	2.002519
SSE	1108.223	MSE	1954101
		RMSE	1397.892

Estimation

Parameter	MU	MA1_1	AR1_1	AR1_2	AR1_3	AR1_4
Estimate	5.787166	-0.249354	0.234703	-0.158219	0.115414	0.242861
Standard Error	34.49484	0.112279	0.111248	0.109153	0.10828	0.124106
t Value	0.167769	-2.220848	2.109725	-1.44952	1.065881	0
FACTOR	0	1	1	1	1	1
Lag	0	1	2	4	5	16

Forecasts (from Base Period 2005-Q4)

Date	L95	Forecast	U95
2006Q1	364.04	394.8654	425.6907
2006Q2	139.7442	156.2182	172.6922
2006Q3	61.27616	77.65878	94.04139
2006Q4	121.2904	137.6746	154.0588
2007Q1	390.392	406.6973	423.0027
2007Q2	137.841	154.5446	171.2483
2007Q3	56.98285	73.59889	90.21494
2007Q4	114.2049	130.8287	147.4525
2008Q1	385.1663	401.719	418.2717
2008Q2	135.5242	152.4283	169.3324
2008Q3	57.255	74.07523	90.89546
2008Q4	111.4769	128.3023	145.1278
2009Q1	381.3279	398.0864	414.8449
2009Q2	135.2179	152.2925	169.3671
2009Q3	50.3736	67.36704	84.36048
2009Q4	108.149	125.1581	142.1671
2010Q1	380.1741	397.1206	414.0672
2010Q2	133.0103	150.2512	167.492
2010Q3	54.14313	71.30614	88.46916
2010Q4	107.8109	124.9809	142.1509
2011Q1	383.9264	401.0357	418.1449
2011Q2	132.9415	150.3418	167.7421
2011Q3	53.38265	70.70731	88.03196
2011Q4	106.8181	124.1493	141.4805

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KeySpan Energy Delivery New England
 EnergyNorth Natural Gas Inc.
 Number of Commercial and Industrial Customers Forecasting

Model: Winters Exponential Smoothing Model
 Var: USNCI
 Method Add Winters

Size 2.003168 Parameter: 5
 Mean 175.3273 Std Dev 99.54606
 R-Square 0.957198 DW 2.003168
 SSE 957.3116 MSE 3732493 RMSE 1931.966

	Constant	Linear	Quarter1	Quarter2	Quarter3	Quarter4
Estimate	1871.884	0	1810.776	-410.7561	-1179.696	-220.3243
Weight	0.2	0.2	0.25	0.25	0.25	0.25

Forecasts (from Base Period 2005-Q4)

Date	L95	Forecast	U95
2006Q1	352.7843	368.266	383.7477
2006Q2	130.3394	146.1128	161.8862
2006Q3	53.52792	69.21885	84.90977
2006Q4	149.4409	165.156	180.8711
2007Q1	352.6394	368.266	383.8926
2007Q2	130.2136	146.1128	162.012
2007Q3	53.3989	69.21885	85.03879
2007Q4	149.3135	165.156	180.9984
2008Q1	352.5088	368.266	384.0232
2008Q2	130.0997	146.1128	162.1258
2008Q3	53.2821	69.21885	85.15559
2008Q4	149.1982	165.156	181.1138
2009Q1	352.3904	368.266	384.1416
2009Q2	129.9963	146.1128	162.2293
2009Q3	53.17587	69.21885	85.26182
2009Q4	149.0932	165.156	181.2187
2010Q1	352.2826	368.266	384.2494
2010Q2	129.9018	146.1128	162.3238
2010Q3	53.07882	69.21885	85.35887
2010Q4	148.9973	165.156	181.3146
2011Q1	352.1841	368.266	384.348
2011Q2	129.8152	146.1128	162.4104
2011Q3	52.98981	69.21885	85.44789
2011Q4	148.9093	165.156	181.4026

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KeySpan Energy Delivery New England
 EnergyNorth Natural Gas Inc.
 Commercial & Industrial Gas Consumption Forecasting (Dth) (2006 -- 2010)

Model Var	Dependent Independent	F1 GSNCI GSNCI_1 PRCG AUTO(-4)	F2 GSNCI PRCG AUTO(-4) AUTO(-8)	F3 GSNCI GSNCI_1 PRCG AUTO(-4) AUTO(-8)	ARIMA USNCI	Weighted C & I Sale	Calculated Sales	Combined (50/50)
Weight		20.00%	20.00%	20.00%	40.00%	100.00%		
Commercial & Industrial Gas Sales Forecast (Percent Growth from Base Year (2005))								
2006Q4-2007Q3		5.34%	2.73%	5.55%	5.46%	4.87%	3.57%	6.85%
2007Q4-2008Q3		4.03%	1.56%	3.78%	2.75%	2.96%	3.34%	3.15%
2008Q4-2009Q3		3.53%	1.60%	3.33%	0.09%	1.72%	3.51%	2.59%
2009Q4-2010Q3		3.09%	1.71%	2.95%	2.20%	2.43%	3.85%	3.12%
2010Q4-2011Q3		2.75%	1.81%	2.64%	3.69%	2.90%	3.84%	3.36%
Average		3.75%	1.88%	3.65%	2.84%	2.98%	3.62%	3.81%
Commercial & Industrial Gas Sales Forecast (Dth) (Annual)								
2005Q4-2006Q3		7,924,343	8,628,982	7,919,898	8,067,522	8,121,654	7,734,162	7,734,162
2006Q4-2007Q3		8,347,166	8,864,129	8,359,073	8,508,086	8,517,308	8,010,453	8,263,881
2007Q4-2008Q3		8,683,945	9,002,617	8,675,271	8,742,207	8,769,249	8,278,350	8,523,800
2008Q4-2009Q3		8,990,327	9,146,297	8,964,552	8,749,767	8,920,142	8,569,259	8,744,701
2009Q4-2010Q3		9,268,498	9,302,969	9,228,745	8,942,571	9,137,071	8,898,799	9,017,935
2010Q4-2011Q3		9,523,502	9,471,707	9,472,064	9,272,510	9,402,459	9,240,153	9,321,306
Average		8,789,630	9,069,450	8,769,934	8,713,777	8,811,314	8,455,196	8,600,964
Commercial & Industrial Gas Sales Forecast (Dth) (Quarterly)								
2005Q1		3,969,780	3,969,780	3,969,780	3,969,780	3,969,780	3,969,780	3,969,780
2005Q2		1,645,482	1,645,482	1,645,482	1,645,482	1,645,482	1,645,482	1,645,482
2005Q3		708,090	708,090	708,090	708,090	708,090	708,090	708,090
2005Q4		1,410,809	1,410,809	1,410,809	1,410,809	1,410,809	1,410,809	1,410,809
2006Q1		3,692,222	3,880,956	3,707,906	4,114,267	3,901,924	4,024,862	3,963,393
2006Q2		1,813,328	2,342,509	1,797,889	1,747,723	1,889,834	1,594,698	1,742,266
2006Q3		1,007,984	994,709	1,003,293	794,723	919,086	696,737	807,911
2006Q4		1,568,394	1,388,746	1,575,371	1,519,931	1,514,475	1,541,227	1,527,851
2007Q1		3,554,583	3,551,825	3,596,040	4,265,976	3,846,880	4,126,266	3,986,573
2007Q2		1,959,766	2,690,215	1,944,099	1,832,279	2,051,727	1,618,709	1,835,218
2007Q3		1,264,423	1,233,343	1,243,563	889,900	1,104,226	724,251	914,238
2007Q4		1,723,803	1,356,013	1,718,470	1,493,894	1,557,215	1,641,576	1,599,396
2008Q1		3,416,180	3,258,284	3,466,937	4,422,443	3,797,257	4,207,907	4,002,582
2008Q2		2,068,023	2,905,675	2,047,880	1,891,434	2,160,889	1,663,479	1,912,184
2008Q3		1,475,938	1,482,645	1,441,984	934,436	1,253,888	765,388	1,009,638
2008Q4		1,859,170	1,362,417	1,844,405	1,504,657	1,615,061	1,760,113	1,687,587
2009Q1		3,307,383	3,014,925	3,363,528	4,412,323	3,702,096	4,298,721	4,000,409
2009Q2		2,163,409	3,037,947	2,139,859	1,934,546	2,242,061	1,715,810	1,978,936
2009Q3		1,660,365	1,731,008	1,616,760	898,242	1,360,923	794,615	1,077,769
2009Q4		1,983,410	1,407,841	1,961,164	1,512,351	1,675,424	1,879,656	1,777,540
2010Q1		3,218,219	2,816,523	3,276,892	4,471,147	3,650,786	4,400,227	4,025,506
2010Q2		2,247,336	3,111,583	2,221,393	2,019,492	2,323,859	1,767,483	2,045,671
2010Q3		1,819,534	1,967,022	1,769,296	939,580	1,487,002	851,433	1,169,218
2010Q4		2,093,823	1,486,236	2,066,129	1,587,970	1,764,426	2,002,102	1,883,264
2011Q1		3,149,039	2,658,407	3,207,782	4,555,481	3,625,238	4,518,524	4,071,881
2011Q2		2,321,290	3,143,414	2,293,562	2,099,844	2,391,591	1,821,568	2,106,580
2011Q3		1,959,350	2,183,651	1,904,591	1,029,215	1,621,204	897,959	1,259,581
2011Q4		2,193,962	1,590,689	2,162,153	1,632,147	1,842,220	2,123,846	1,983,033

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KeySpan Energy Delivery New England
 EnergyNorth Natural Gas Inc.
 Commercial and Industrial Gas Consumption (Dth) Forecasting

Regression Model: F1
 Dependent Variable: GSNCI
 Independent Variable: GSNCI_1 PRCCI Auto(-4)

Size 85 Parameter: 3
 Mean 1074400 Std Dev 678186.6
 R-Square 0.9802 DW 1.9972
 SSE 4.57E+14 MSE 5.37E+12

Term	GSNCI_1	PRCCI	Auto(-4)
0	0.4874	517287	-0.854699
0	0.0921	151317	0.056307
0	5.29	3.42	-15.17927
0	<.0001	0.001	0

Forecasts (from Base Period 2005-Q4)

Date	LCL	Forecast	UCL
2006Q1	3084476	3692222	4299969
2006Q2	1634936	1813328	1991719
2006Q3	830218.9	1007984	1185749
2006Q4	1391476	1568394	1745311
2007Q1	3378544	3554583	3730622
2007Q2	1777443	1959766	2142089
2007Q3	1082543	1264423	1446303
2007Q4	1542883	1723803	1904722
2008Q1	3236017	3416180	3596344
2008Q2	1882995	2068023	2253052
2008Q3	1291220	1475938	1660656
2008Q4	1675385	1859170	2042956
2009Q1	3124226	3307383	3490540
2009Q2	1976404	2163409	2350414
2009Q3	1473558	1660365	1847171
2009Q4	1797443	1983410	2169377
2010Q1	3032751	3218219	3403686
2010Q2	2058789	2247336	2435882
2010Q3	1631094	1819534	2007974
2010Q4	1906105	2093823	2281542
2011Q1	2961702	3149039	3336375
2011Q2	2131452	2321290	2511128
2011Q3	1769546	1959350	2149154
2011Q4	2004756	2193962	2383169

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KeySpan Energy Delivery New England
 EnergyNorth Natural Gas Inc.
 Commercial and Industrial Gas Consumption (Dth) Forecasting

Regression Model: F2
 Dependent Variable: GSNCI
 Independent Variable: PRCCI Auto(-1) Auto(-2) Auto(-3) Auto(-4)

Size 84 Parameter: 3
 Mean 1074400 Std Dev 678186.6
 R-Square 0.9691 DW 1.4073
 SSE 7.16E+14 MSE 8.53E+12

Term	PRCCI	Auto(-1)	Auto(-2)	Auto(-3)	Auto(-4)
0	1326293	-0.136698	0.125686	0.017356	-0.780446
0	131058	0.068217	0.069803	0.069803	0.068217
0	10.12	-2.00387	1.800582	0.248643	-11.44064
0	<.0001	0	0	0	0

Forecasts (from Base Period 2005-Q4)

Date	LCL	Forecast	UCL
2006Q1	3166714	3880956	4595198
2006Q2	1652030	2342509	3032988
2006Q3	290182.3	994708.6	1699235
2006Q4	657924.3	1388746	2119568
2007Q1	2692828	3551825	4410822
2007Q2	1837167	2690215	3543263
2007Q3	371162.5	1233343	2095524
2007Q4	477569.3	1356013	2234456
2008Q1	2310417	3258284	4206151
2008Q2	1953390	2905675	3857961
2008Q3	523751.6	1482645	2441537
2008Q4	390994	1362417	2333841
2009Q1	2004347	3014925	4025502
2009Q2	2017421	3037947	4058473
2009Q3	705986.5	1731008	2756029
2009Q4	371842.2	1407841	2443840
2010Q1	1758559	2816523	3874487
2010Q2	2041240	3111583	4181925
2010Q3	893877.2	1967022	3040166
2010Q4	402952.9	1486236	2569518
2011Q1	1563150	2658407	3753664
2011Q2	2035333	3143414	4251495
2011Q3	1073917	2183651	3293385
2011Q4	471578.9	1590689	2709799

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KeySpan Energy Delivery New England
 EnergyNorth Natural Gas Inc.
 Commercial and Industrial Gas Consumption (Dth) Forecasting

Regression Model: F3
 Dependent Variable: GSNCI
 Independent Variable: GSNCI_1 PRCCI Auto(-4) Auto(-8)

Size 84 Parameter: 4
 Mean 1074400 Std Dev 678186.6
 R-Square 0.9806 DW 2.0006
 SSE 4.47E+14 MSE 5.33E+12

Term	GSNCI_1	PRCCI	Auto(-4)	Auto(-8)
0	0.4897	501164	-0.816044	-0.045227
0	0.0928	151400	0.108997	0.108997
0	5.28	3.31	-7.486848	-0.414938
0	<.0001	0.0014	0	0

Forecasts (from Base Period 2005-Q4)

Date	LCL	Forecast	UCL
2006Q1	3100213	3707906	4315599
2006Q2	1618996	1797889	1976783
2006Q3	825052.9	1003293	1181533
2006Q4	1397977	1575371	1752765
2007Q1	3419522	3596040	3772558
2007Q2	1761053	1944099	2127146
2007Q3	1060993	1243563	1426132
2007Q4	1536859	1718470	1900081
2008Q1	3286092	3466937	3647781
2008Q2	1861911	2047880	2233850
2008Q3	1256370	1441984	1627597
2008Q4	1659736	1844405	2029074
2009Q1	3179511	3363528	3547544
2009Q2	1951742	2139859	2327977
2009Q3	1428895	1616760	1804625
2009Q4	1774169	1961164	2148159
2010Q1	3090434	3276892	3463350
2010Q2	2031620	2221393	2411166
2010Q3	1579689	1769296	1958902
2010Q4	1877292	2066129	2254965
2011Q1	3019376	3207782	3396189
2011Q2	2102440	2293562	2484684
2011Q3	1713567	1904591	2095615
2011Q4	1971790	2162153	2352516

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KeySpan Energy Delivery New England
 EnergyNorth Natural Gas Inc.
 Commercial and Industrial Gas Consumption (Dth) Forecasting

ARIMA Model (3,1,0)

Time Series: GSNCI

Size	85 Parameters		4	
Mean	1340528.354	Std Dev	902070.4028	
R-Square	0.981428056	DW	1.990617189	
SSE	1.26604E+14	MSE	1.56301E+12	RMSE 1250206
Estimation				
Parameter	MU	AR1_1	AR1_2	AR1_3
Estimate	591532.9542	0.13805071	-0.25552873	0.258268
Standard Error	153261.3229	0.10426159	0.116155612	0.128794
t Value	3.859636228	1.32408029	-2.199882784	2.005288
FACTOR		0	1	1
Lag		0	2	10

Forecasts (from Base Period 2005-Q4)

Date	L95	Forecast	U95
2006Q1	3869231	4114267	4359303
2006Q2	1502687	1747723	1992759
2006Q3	547363	794723	1042083
2006Q4	1272572	1519931	1767291
2007Q1	3914494	4265976	4617459
2007Q2	1480796	1832279	2183761
2007Q3	536731	889900	1243069
2007Q4	1140726	1493894	1847063
2008Q1	3989863	4422443	4855023
2008Q2	1458854	1891434	2324014
2008Q3	500942	934436	1367929
2008Q4	1071163	1504657	1938151
2009Q1	3920411	4412323	4904235
2009Q2	1442634	1934546	2426457
2009Q3	405309	898242	1391174
2009Q4	1019419	1512351	2005284
2010Q1	3896615	4471147	5045679
2010Q2	1444960	2019492	2594024
2010Q3	364869	939580	1514291
2010Q4	1013259	1587970	2162682
2011Q1	3900232	4555481	5210729
2011Q2	1444596	2099844	2755092
2011Q3	373928	1029215	1684501
2011Q4	976861	1632147	2287434

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KeySpan Energy Delivery New England
 EnergyNorth Natural Gas Inc.
 Commercial and Industrial Gas Consumption (Dth) Forecasting

Winters Exponential Smoothing Model
 Var: GSNCI

Size	83	Parameter:	6
Mean	1340528	Std Dev	902070.4028
R-Square	0.931591	DW	2.27798452
SSE	7.16E+15	MSE	4.89869E+14
		RMSE	22132979

	Constant	Linear	Quarter1	Quarter2	Quarter3	Quarter4
Estimate	20162984	67757.6	17484197.71	-3753627	-11125270	-2605300
Weight	0.105573	0.105573	0.25	0.25	0.25	0.25

Forecasts (from Base Period 2005-Q4)

Date	L95	Forecast	U95
2006Q1	3295338	3771494	4247649.505
2006Q2	1175099	1654487	2133875.159
2006Q3	440859.9	924098.6	1407337.347
2006Q4	1295121	1782871	2270622.101
2007Q1	3305440	3798597	4291754.234
2007Q2	1182282	1681590	2180898.291
2007Q3	444970	951201.7	1457433.374
2007Q4	1296023	1809974	2323925.979
2008Q1	3303034	3825700	4348366.419
2008Q2	1176480	1708693	2240906.72
2008Q3	435704	978304.7	1520905.455
2008Q4	1283246	1837077	2390909.134
2009Q1	3286743	3852803	4418862.767
2009Q2	1156669	1735796	2314923.183
2009Q3	412382.5	1005408	1598432.998
2009Q4	1256436	1864180	2471924.464
2010Q1	3256511	3879906	4503300.701
2010Q2	1123063	1762899	2402735.632
2010Q3	375458.3	1032511	1689563.333
2010Q4	1216258	1891284	2566309.194
2011Q1	3213175	3907009	4600843.61
2011Q2	1076641	1790002	2503363.604
2011Q3	326026.9	1059614	1793200.836
2011Q4	1163894	1918387	2672879.35

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KeySpan Energy Delivery New England
 EnergyNorth Natural Gas Inc.
 Residential Customers Forecasting (2006 -- 2010)

Model Var	Dependent Independent	A1 CUSR Intercept CUSR_1 GSP AUTO(-4)	A2 CUSR EMP AUTO(-4)	A3 CUSR POP AUTO(-4)	A4 CUSR GSP POP AUTO(-4)	ARIMA CUSR	Winter's CUSR	Weighted Residential Customers
Weight		15.00%	15.00%	15.00%	15.00%	20.00%	20.00%	100.00%
Residential Customer Forecast -- Percent Growth from Base Year (2005)								
2006Q4-2007Q3		2.90%	0.78%	0.83%	2.49%	2.79%	2.40%	2.09%
2007Q4-2008Q3		3.03%	0.80%	0.79%	2.52%	2.21%	2.02%	1.93%
2008Q4-2009Q3		3.15%	0.77%	0.71%	2.59%	1.56%	1.98%	1.81%
2009Q4-2010Q3		3.06%	0.74%	0.66%	2.47%	1.83%	1.94%	1.82%
2010Q4-2011Q3		2.94%	0.77%	0.68%	2.35%	1.95%	1.91%	1.81%
Average		3.02%	0.77%	0.73%	2.48%	2.07%	2.05%	1.89%
Residential Customer Forecast (Annual)								
2005Q4-2006Q3		72,552	71,950	71,981	72,470	72,768	72,263	72,349
2006Q4-2007Q3		74,659	72,510	72,575	74,273	74,799	73,995	73,861
2007Q4-2008Q3		76,917	73,089	73,150	76,145	76,449	75,492	75,283
2008Q4-2009Q3		79,342	73,653	73,672	78,114	77,644	76,988	76,644
2009Q4-2010Q3		81,772	74,197	74,155	80,039	79,067	78,485	78,035
2010Q4-2011Q3		84,172	74,772	74,660	81,918	80,612	79,981	79,447
Average		78,236	73,362	73,366	77,160	76,890	76,201	75,937
Residential Customer Forecast (Quarterly)								
2005Q1		71,607	71,607	71,607	71,607	71,607	71,607	71,607
2005Q2		71,575	71,575	71,575	71,575	71,575	71,575	71,575
2005Q3		73,331	73,331	73,331	73,331	73,331	73,331	73,331
2005Q4		69,487	69,487	69,487	69,487	69,487	69,487	69,487
2006Q1		72,797	72,391	72,419	72,754	73,887	72,997	72,931
2006Q2		73,122	72,267	72,305	73,013	72,708	72,921	72,732
2006Q3		74,803	73,656	73,715	74,626	74,991	73,647	74,248
2006Q4		71,966	70,425	70,457	71,721	71,279	71,926	71,326
2007Q1		74,814	72,874	72,944	74,476	75,949	74,493	74,355
2007Q2		75,191	72,779	72,850	74,758	75,527	74,417	74,326
2007Q3		76,664	73,963	74,050	76,139	76,440	75,144	75,439
2007Q4		74,521	71,306	71,344	73,911	73,470	73,423	73,041
2008Q1		76,957	73,378	73,452	76,240	77,566	75,990	75,715
2008Q2		77,426	73,334	73,395	76,599	76,820	75,914	75,660
2008Q3		78,766	74,340	74,410	77,829	77,939	76,640	76,718
2008Q4		77,206	72,148	72,152	76,165	74,526	74,919	74,540
2009Q1		79,313	73,891	73,926	78,148	78,990	77,487	77,087
2009Q2		79,821	73,857	73,873	78,530	78,049	77,411	77,004
2009Q3		81,028	74,714	74,736	79,612	79,013	78,137	77,944
2009Q4		79,891	72,906	72,853	78,356	76,156	76,416	76,115
2010Q1		81,692	74,380	74,355	80,025	80,125	78,983	78,390
2010Q2		82,216	74,384	74,337	80,417	79,426	78,907	78,370
2010Q3		83,287	75,120	75,076	81,359	80,559	79,633	79,265
2010Q4		82,490	73,648	73,526	80,437	77,614	77,912	77,621
2011Q1		84,055	74,908	74,813	81,867	81,904	80,480	79,823
2011Q2		84,586	74,942	74,826	82,263	80,784	80,404	79,730
2011Q3		85,558	75,588	75,477	83,103	82,145	81,130	80,614
2011Q4		85,030	74,395	74,208	82,449	79,138	79,409	79,122

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KeySpan Energy Delivery New England
 EnergyNorth Natural Gas Inc.
 Residential Customers Forecasting

Regression Model: A1
 Dependent Variable: CUSR
 Independent Variable: Intercept CUSR_1 GSP Auto(-4)

Size 84 Parameter: 3
 Mean 57113.37 Std Dev 8831.98
 R-Square 0.9914 DW 2.4907
 SSE 55608441 MSE 662005

Term	Intercept	CUSR_1	GSP	Auto(-4)
Estimate	7114	0.802	0.1337	-0.8028
Std Error	2382	0.0698	0.0562	0.0793
T-Ratio	2.99	11.5	2.38	-10.12
Pr>[t]	0.0037	<.0001	0.0196	<.0001

Forecasts (from Base Period 2005-Q4)

Date	LCL	Forecast	UCL
2006Q1	70595.78	72797.39	74999
2006Q2	72215.47	73122.49	74029.51
2006Q3	73890.36	74803.28	75716.19
2006Q4	71044.64	71966.17	72887.69
2007Q1	73890.27	74814.05	75737.84
2007Q2	74260.35	75191.17	76121.99
2007Q3	75725.88	76663.68	77601.47
2007Q4	73574.32	74521.22	75468.11
2008Q1	76005.58	76956.64	77907.69
2008Q2	76467.36	77426.43	78385.5
2008Q3	77798.5	78765.63	79732.77
2008Q4	76229.15	77206.07	78182.99
2009Q1	78330.05	79312.96	80295.86
2009Q2	78828.81	79820.79	80812.78
2009Q3	80026.77	81027.89	82029
2009Q4	78879.57	79891.16	80902.75
2010Q1	80673.02	81692.09	82711.17
2010Q2	81187.02	82215.96	83244.91
2010Q3	82248.36	83287.2	84326.04
2010Q4	81440.04	82489.77	83539.5
2011Q1	82996.91	84055.19	85113.48
2011Q2	83517.72	84586.4	85655.07
2011Q3	84478.9	85557.96	86637.02
2011Q4	83940.14	85030.32	86120.49

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KeySpan Energy Delivery New England
 EnergyNorth Natural Gas Inc.
 Residential Customers Forecasting

Regression Model: A2
 Dependent Variable: CUSR
 Independent Variable: CUSR_1 LBFC Auto(-4)

Size 85 Parameter: 3
 Mean 57113.37 Std Dev 8831.98
 R-Square 0.9955 DW 2.4531
 SSE 55010975 MSE 647188

Term	CUSR_1	LBFC	Auto(-4)
Estimate	0.8242	16.3452	-0.8328
Std Error	0.0595	5.4189	0.0767
T-Ratio	13.85	3.02	-10.86
Pr>[t]	<.0001	0.0034	<.0001

Forecasts (from Base Period 2005-Q4)

Date	LCL	Forecast	UCL
2006Q1	70473.46	72391.32	74309.19
2006Q2	71376.95	72266.65	73156.35
2006Q3	72761.36	73655.72	74550.08
2006Q4	69523.92	70425.04	71326.16
2007Q1	71973.16	72874.47	73775.79
2007Q2	71873.79	72779.1	73684.41
2007Q3	73054.25	73962.82	74871.39
2007Q4	70392.59	71305.98	72219.38
2008Q1	72465.11	73378.43	74291.75
2008Q2	72417.56	73333.7	74249.84
2008Q3	73421.08	74339.51	75257.94
2008Q4	71226.39	72148.28	73070.18
2009Q1	72969.08	73890.71	74812.34
2009Q2	72933.48	73857.05	74780.63
2009Q3	73789.4	74714.49	75639.58
2009Q4	71978.77	72906.27	73833.77
2010Q1	73452.85	74379.9	75306.95
2010Q2	73455.47	74383.77	75312.07
2010Q3	74190.68	75119.92	76049.16
2010Q4	72717.61	73648.47	74579.34
2011Q1	73977.57	74907.87	75838.17
2011Q2	74010.84	74941.91	75872.98
2011Q3	74656.71	75588.32	76519.93
2011Q4	73462.42	74395.11	75327.8

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KeySpan Energy Delivery New England
 EnergyNorth Natural Gas Inc.
 Residential Customers Forecasting

Regression Model: A3
 Dependent Variable: CUSR
 Independent Variable: CUSR_1 POP Auto(-4)

Size 85 Parameter: 3
 Mean 57113.37 Std Dev 8831.98
 R-Square 0.9952 DW 2.4606
 SSE 55375565 MSE 651477

Term	CUSR_1	POP	Auto(-4)
Estimate	0.8424	8.1299	-0.8383
Std Error	0.0562	2.8331	0.0767
T-Ratio	15	2.87	-10.94
Pr>[t]	<.0001	0.0052	<.0001

Forecasts (from Base Period 2005-Q4)

Date	LCL	Forecast	UCL
2006Q1	70475.51	72418.79	74362.08
2006Q2	71414.99	72304.8	73194.61
2006Q3	72820.05	73714.6	74609.15
2006Q4	69555.35	70456.77	71358.19
2007Q1	72042.58	72944.24	73845.91
2007Q2	71944.11	72849.89	73755.67
2007Q3	73141.28	74050.43	74959.58
2007Q4	70429.72	71343.84	72257.96
2008Q1	72537.5	73451.58	74365.66
2008Q2	72478.26	73395.26	74312.26
2008Q3	73490.66	74410.02	75329.38
2008Q4	71229.06	72151.97	73074.89
2009Q1	73003.25	73925.88	74848.51
2009Q2	72948.9	73873.5	74798.1
2009Q3	73810.13	74736.24	75662.35
2009Q4	71924.11	72852.63	73781.16
2010Q1	73427.17	74355.15	75283.13
2010Q2	73407.39	74336.57	75265.74
2010Q3	74145.92	75075.94	76005.97
2010Q4	72594.49	73526.06	74457.62
2011Q1	73882.54	74813.38	75744.23
2011Q2	73894.07	74825.55	75757.03
2011Q3	74544.69	75476.55	76408.42
2011Q4	73274.98	74207.78	75140.59

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KeySpan Energy Delivery New England
 EnergyNorth Natural Gas Inc.
 Residential Customers Forecasting

Regression Model: A4
 Dependent Variable: CUSR
 Independent Variable: CUSR_1 GSP POP Auto(-4)

Size 84 Parameter: 3
 Mean 57113.37 Std Dev 8831.98
 R-Square 0.9968 DW 2.3198
 SSE 51931756 MSE 618235

Term	CUSR_1	GSP	POP	Auto(-4)
Estimate	0.6895	0.1177	12.1407	-0.8026
Std Error	0.0816	0.0461	3.0887	0.0777
T-Ratio	8.45	2.55	3.93	-10.33
Pr>[t]	<.0001	0.0125	0.0002	<.0001

Forecasts (from Base Period 2005-Q4)

Date	LCL	Forecast	UCL
2006Q1	70628.92	72753.82	74878.73
2006Q2	72108.3	73013.35	73918.4
2006Q3	73714.91	74625.68	75536.45
2006Q4	70802.07	71721.12	72640.18
2007Q1	73554.86	74475.82	75396.77
2007Q2	73830.34	74757.74	75685.15
2007Q3	75205.13	76138.77	77072.42
2007Q4	72969.1	73910.91	74852.73
2008Q1	75294.73	76239.81	77184.9
2008Q2	75646.61	76598.55	77550.48
2008Q3	76870.36	77829.05	78787.75
2008Q4	75197.56	76164.55	77131.53
2009Q1	77176.53	78148.05	79119.57
2009Q2	77550.86	78529.74	79508.61
2009Q3	78625.54	79611.69	80597.83
2009Q4	77361.67	78356.25	79350.82
2010Q1	79025.01	80025.08	81025.15
2010Q2	79409.37	80417.08	81424.8
2010Q3	80343.45	81358.71	82373.97
2010Q4	79413.4	80437.05	81460.71
2011Q1	80837.06	81866.84	82896.62
2011Q2	81225.95	82263.49	83301.03
2011Q3	82058.05	83103.26	84148.46
2011Q4	81395.93	82449.41	83502.9

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KeySpan Energy Delivery New England
 EnergyNorth Natural Gas Inc.
 Residential Customers Forecasting

ARIMA Model (3,2,2)

Time Series: CUSR

Size	84	Parameters:	6			
Mean	57113.3722	Std Dev	8831.98			
R-Square	0.99216725	DW	2.133572			
SSE	38863779.4	MSE	504724.4	RMSE	710.4396	
Estimation						
Parameter	MU	MA1_1	MA1_2	AR1_1	AR1_2	AR1_3
Estimate	-15.9515596	0.203073	0.110084	-0.445459	-0.411138	-0.491715
Standard Error	21.0663524	0.121847	0.126043	0.119616	0.120134	0.155974
t Value	-0.75720558	1.666621	0.87338	-3.724076	-3.422331	-3.152546
FACTOR	0	1	1	1	1	1
Lag	0	1	4	3	6	9

Forecasts (from Base Period 2005-Q4)

Date	L95	Forecast	U95
2006Q1	72494.1669	73886.6	75279.04
2006Q2	70927.2022	72707.72	74488.24
2006Q3	72893.3057	74991.31	77089.31
2006Q4	69125.0871	71279.41	73433.74
2007Q1	73106.2917	75948.88	78791.47
2007Q2	72278.8665	75527.05	78775.23
2007Q3	72950.4635	76440.13	79929.79
2007Q4	69893.7461	73470.33	77046.92
2008Q1	73393.9933	77566.46	81738.92
2008Q2	72362.6781	76820.16	81277.64
2008Q3	73277.3314	77939.19	82601.05
2008Q4	69782.7095	74525.68	79268.64
2009Q1	73701.3257	78989.53	84277.73
2009Q2	72472.6391	78049.39	83626.14
2009Q3	73220.03	79012.89	84805.74
2009Q4	70171.5307	76156.35	82141.17
2010Q1	73487.5314	80125.34	86763.16
2010Q2	72400.5039	79426.45	86452.4
2010Q3	73222.9286	80559.46	87895.99
2010Q4	70010.4474	77614.33	85218.21
2011Q1	73588.799	81904.35	90219.91
2011Q2	72052.1459	80784.43	89516.7
2011Q3	73061.9064	82145.02	91228.14
2011Q4	69746.3698	79137.8	88529.22

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KeySpan Energy Delivery New England
 EnergyNorth Natural Gas Inc.
 Residential Customers Forecasting

Model: Winters Exponential Smoothing Model
 Var: CUSR
 Method Add Winters

Size 83 Parameter: 6
 Mean 57113.37 Std Dev 8831.98
 R-Square 0.977041 DW 1.622063
 SSE 1.58E+08 MSE 1898747 RMSE 1377.95

	Constant	Linear	Quarter1	Quarter2	Quarter3	Quarter4
Estimate	71937.27	374.1495	685.325	235.1703	587.381	-1507.876
Weight	0.105573	0.105573	0.25	0.25	0.25	0.25

Forecasts (from Base Period 2005-Q4)

Date	L95	Forecast	U95
2006Q1	70296.01	72996.74	75697.48
2006Q2	70201.67	72920.74	75639.81
2006Q3	70906.19	73647.1	76388.01
2006Q4	69159.49	71925.99	74692.49
2007Q1	71696.18	74493.34	77290.51
2007Q2	71585.28	74417.34	77249.39
2007Q3	72272.37	75143.7	78015.02
2007Q4	70507.48	73422.59	76337.7
2008Q1	73025.4	75989.94	78954.48
2008Q2	72895.24	75913.94	78932.63
2008Q3	73562.69	76640.3	79717.9
2008Q4	71777.88	74919.19	78060.5
2009Q1	74275.87	77486.54	80697.2
2009Q2	74125.75	77410.53	80695.32
2009Q3	74773.28	78136.89	81500.51
2009Q4	72968.69	76415.79	79862.88
2010Q1	75447.27	78983.14	82519
2010Q2	75278.01	78907.13	82536.25
2010Q3	75906.72	79633.49	83360.26
2010Q4	74083.67	77912.38	81741.1
2011Q1	76544.34	80479.73	84415.13
2011Q2	76357.58	80403.73	84449.88
2011Q3	76969.22	81130.09	85290.96
2011Q4	75129.53	79408.98	83688.43

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KeySpan Energy Delivery New England
 EnergyNorth Natural Gas Inc.
 Residential Gas Use Per Customer Forecasting (Dth/Customer)(2006-2010)

Model	Dependent	B1	B2	ARIMA	Winter's	Weighted Residential Use Per
Var	Independent	USNR	USNR	USNR	USNR	
		PRCG_1	PRCG_1			
		GSP	PCI			
		CDDN	CDDN			
		AUTO(-4)	AUTO(-4)			
Weight		20.00%	20.00%	30.00%	30.00%	100.00%

Residential Use Per Customer Forecast -- Percent Growth from Base Year (2005)

2006Q4-2007Q3	1.21%	0.97%	-2.13%	2.81%	0.77%
2007Q4-2008Q3	1.24%	1.00%	3.34%	-0.84%	1.17%
2008Q4-2009Q3	1.34%	1.03%	-0.76%	-0.84%	0.39%
2009Q4-2010Q3	1.22%	0.94%	-1.09%	-0.85%	0.26%
2010Q4-2011Q3	1.14%	0.81%	-0.59%	-0.86%	0.31%
Average	1.23%	0.95%	-0.24%	-0.11%	0.58%

Residential Use Per Customer Forecast (Annual)

2005Q4-2006Q3	85	85	88	85	86
2006Q4-2007Q3	86	86	86	88	86
2007Q4-2008Q3	87	86	89	87	87
2008Q4-2009Q3	88	87	88	86	88
2009Q4-2010Q3	90	88	87	86	88
2010Q4-2011Q3	91	89	86	85	88
Average	88	87	87	86	87

Residential Use Per Customer Forecast (Quarterly)

2005Q1	51	51	51	51	51
2005Q2	16	16	16	16	16
2005Q3	5	5	5	5	5
2005Q4	16	16	16	16	16
2006Q1	49	49	52	48	49
2006Q2	15	15	14	16	15
2006Q3	5	5	5	5	5
2006Q4	19	19	15	19	18
2007Q1	48	47	52	48	49
2007Q2	15	15	13	16	15
2007Q3	5	5	5	5	5
2007Q4	21	21	15	19	19
2008Q1	47	46	53	48	48
2008Q2	15	14	14	15	15
2008Q3	5	5	6	5	5
2008Q4	23	23	14	19	20
2009Q1	46	45	53	48	48
2009Q2	15	14	14	15	14
2009Q3	5	5	6	5	5
2009Q4	24	24	14	18	21
2010Q1	45	45	53	48	47
2010Q2	15	14	13	15	14
2010Q3	5	5	6	4	5
2010Q4	26	25	14	18	22
2011Q1	45	44	53	47	47
2011Q2	15	14	13	15	14
2011Q3	6	5	6	4	5
2011Q4	27	26	14	18	22

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KeySpan Energy Delivery New England
 EnergyNorth Natural Gas Inc.
 Residential Gas Use Per Customer Forecasting

Regression Model: B1
 Dependent Variable: USNR
 Independent Variable: PRCG_1 GSP CDDN Auto(-4)

Size 84 Parameters 4
 Mean 23.3816 Std Dev 14.09718
 R-Square 0.9944 DW 1.9741
 SSE 36230.36 MSE 431.3138

Term	PRCG_1	GSP	CDDN	Auto(-4)
Estimate	-19.9013	7.73E-04	0.1125	-0.824984
Std Error	17.731	4.74E-04	0.006663	0.061664
T-Ratio	-1.12	1.63	16.88	-13.38
Pr>[t]	0.2649	0.1065	<.0001	

Forecasts (from Base Period 2005-Q4)

Date	LCL	Forecast	UCL
2006Q1	47.5282	49.035953	50.5437
2006Q2	13.62485	15.143039	16.66123
2006Q3	3.448361	4.9521578	6.455954
2006Q4	17.24014	18.74014	20.24015
2007Q1	46.21848	47.702759	49.18704
2007Q2	13.29935	14.790702	16.28205
2007Q3	3.534074	5.0120428	6.490012
2007Q4	19.38771	20.861844	22.33598
2008Q1	45.2174	46.676239	48.13508
2008Q2	13.18606	14.649715	16.11337
2008Q3	3.679912	5.1310135	6.582115
2008Q4	21.25179	22.699019	24.14625
2009Q1	44.48372	45.916401	47.34909
2009Q2	13.15536	14.591371	16.02738
2009Q3	3.854232	5.2784208	6.70261
2009Q4	22.83283	24.253132	25.67344
2010Q1	43.90934	45.315992	46.72264
2010Q2	13.15861	14.567544	15.97647
2010Q3	4.026361	5.4241265	6.821892
2010Q4	24.1694	25.563314	26.95723
2011Q1	43.47512	44.856299	46.23747
2011Q2	13.19831	14.581037	15.96376
2011Q3	4.207047	5.5792023	6.951358
2011Q4	25.31114	26.679484	28.04783

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KeySpan Energy Delivery New England
 EnergyNorth Natural Gas Inc.
 Residential Gas Use Per Customer Forecasting

Regression Model: B2
 Dependent Variable: USNR
 Independent Variable: PRCG_1 PCI CDDN Auto(-4)

Size 84 Parameter: 4
 Mean 23.3816 Std Dev 14.09718
 R-Square 0.9944 DW 1.9878
 SSE 36421.39 MSE 433.588

Term	PRCG_1	PCI	CDDN	Auto(-4)
Estimate	-20.0477	1.1484	0.1111	-0.819139
Std Error	17.5442	0.6569	0.006892	0.062584
T-Ratio	-1.14	1.75	16.12	-13.09
Pr>[t]	0.2564	0.0841	<.0001	

Forecasts (from Base Period 2005-Q4)

Date	LCL	Forecast	UCL
2006Q1	47.31945	48.8231	50.32675
2006Q2	13.50867	15.02239	16.53612
2006Q3	3.390562	4.890042	6.389522
2006Q4	17.20183	18.69771	20.19359
2007Q1	45.88745	47.36767	48.8479
2007Q2	13.15564	14.6424	16.12915
2007Q3	3.460455	4.933986	6.407517
2007Q4	19.33426	20.80415	22.27404
2008Q1	44.78536	46.24001	47.69466
2008Q2	12.98877	14.4476	15.90644
2008Q3	3.559831	5.006291	6.452751
2008Q4	21.14133	22.58415	24.02697
2009Q1	43.94622	45.37455	46.80287
2009Q2	12.89488	14.32582	15.75675
2009Q3	3.686523	5.105838	6.525154
2009Q4	22.66413	24.07982	25.49552
2010Q1	43.2903	44.69238	46.09445
2010Q2	12.84212	14.24572	15.64933
2010Q3	3.804666	5.197328	6.589989
2010Q4	23.92057	25.30968	26.69879
2011Q1	42.76655	44.14293	45.51931
2011Q2	12.81371	14.19086	15.56801
2011Q3	3.920657	5.287473	6.654289
2011Q4	24.97329	26.33664	27.69998

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KeySpan Energy Delivery New England
 EnergyNorth Natural Gas Inc.
 Residential Gas Use Per Customer Forecasting

ARIMA Model (0,1,2)

Time Series: USNR

Size	85	Parameter:	3		
Mean	23.07367	Std Dev	14.56763		
R-Square	0.985375	DW	1.922783		
SSE	25081.69	MSE	305.8743	RMSE	17.48926
Estimation					
Parameter	MU	MA1_1	MA1_2		
Estimate	-0.795273	0.365959	-0.303824		
Standard Error	1.7307	0.13731	0.136645		
t Value	-0.459509	2.665207	-2.22346		
FACTOR	0	1	1		
Lag	0	17	20		

Forecasts (from Base Period 2005-Q4)

Date	L95	Forecast	U95
2006Q1	50.13358	51.68735	53.24111
2006Q2	12.83089	14.40092	15.97095
2006Q3	3.834074	5.389117	6.94416
2006Q4	13.6781	15.22694	16.77579
2007Q1	50.44688	51.98066	53.51443
2007Q2	11.71038	13.25963	14.80888
2007Q3	3.694458	5.230195	6.765931
2007Q4	13.91787	15.4477	16.97753
2008Q1	51.91284	53.42824	54.94365
2008Q2	12.23814	13.77068	15.30322
2008Q3	4.395847	5.915191	7.434534
2008Q4	12.91721	14.42999	15.94276
2009Q1	51.77492	53.27445	54.77399
2009Q2	12.24712	13.76207	15.27703
2009Q3	4.9235	6.425874	7.928247
2009Q4	12.71309	14.20856	15.70402
2010Q1	51.65238	53.13533	54.61828
2010Q2	11.90242	13.39934	14.89626
2010Q3	4.704538	6.189638	7.674737
2010Q4	12.45531	13.93392	15.41253
2011Q1	51.58902	53.05581	54.52259
2011Q2	11.84022	13.31981	14.7994
2011Q3	4.641785	6.11011	7.578436
2011Q4	12.39231	13.85439	15.31648

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KeySpan Energy Delivery New England
 EnergyNorth Natural Gas Inc.
 Residential Gas Use Per Customer Forecasting

Winters Exponential Smoothing Model
 Var: USNR

Size 84 Parameter: 5
 Mean 23.07367 Std Dev 14.56763
 R-Square 0.967208 DW 2.31736
 SSE 695.9008 MSE 26.37993 RMSE 5.13614

	Constant	Linear	Quarter1	Quarter2	Quarter3	Quarter4
Estimate	26.37993	215.4984	260.0458	-64.49231	-169.9895	-25.564
Weight	0.2	0.2	0.25	0.25	0.25	0.25

Forecasts (from Base Period 2005-Q4)

Date	L95	Forecast	U95
2006Q1	46.81059	48.27548	49.74037
2006Q2	14.34829	15.82562	17.30295
2006Q3	3.693185	5.155618	6.618051
2006Q4	17.57704	19.03472	20.49239
2007Q1	46.65012	48.09218	49.53425
2007Q2	14.18927	15.64233	17.09538
2007Q3	3.533227	4.972324	6.411421
2007Q4	17.4167	18.85142	20.28615
2008Q1	46.48885	47.90889	49.32893
2008Q2	14.02924	15.45903	16.88882
2008Q3	3.372344	4.78903	6.205715
2008Q4	17.25547	18.66813	20.08079
2009Q1	46.32678	47.7256	49.12441
2009Q2	13.86824	15.27574	16.68324
2009Q3	3.210566	4.605735	6.000904
2009Q4	17.09337	18.48483	19.8763
2010Q1	46.16392	47.5423	48.92068
2010Q2	13.70631	15.09244	16.47858
2010Q3	3.04793	4.422441	5.796952
2010Q4	16.93045	18.30154	19.67263
2011Q1	46.00029	47.35901	48.71772
2011Q2	13.54349	14.90915	16.27481
2011Q3	2.884471	4.239146	5.593822
2011Q4	16.76673	18.11825	19.46976

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KeySpan Energy Delivery New England
 EnergyNorth Natural Gas Inc.
 Residential Gas Consumption Forecasting (Dth) (2006 -- 2010)

Model Var	Dependent Independent	C1 GSNR GSP Auto(-4)	C2 GSNR PRCG GSP Auto(-4)	ARIMA GSNR	Weighted Res Sales	Calculated Sales	Combined (50/50)
Weight		30.00%	30.00%	40.00%	100.00%		
Residential Gas Sales Forecast -- Percent Growth from Base Year (2005)							
2006Q4-2007Q3		2.57%	2.86%	0.80%	1.96%	2.80%	2.37%
2007Q4-2008Q3		2.65%	2.91%	3.65%	3.12%	3.08%	3.10%
2008Q4-2009Q3		3.02%	3.23%	3.07%	3.10%	2.21%	2.66%
2009Q4-2010Q3		2.86%	3.00%	0.69%	2.05%	2.04%	2.05%
2010Q4-2011Q3		2.79%	2.88%	1.56%	2.34%	2.14%	2.24%
Average		2.78%	2.98%	1.95%	2.51%	2.45%	2.48%
Residential Gas Sales Forecast (Dth) (Annual)							
2005Q4-2006Q3		6,440,173	6,373,218	6,267,804	6,351,139	6,190,483	6,270,811
2006Q4-2007Q3		6,605,996	6,555,369	6,318,014	6,475,615	6,363,654	6,419,635
2007Q4-2008Q3		6,780,906	6,745,872	6,548,691	6,677,510	6,559,457	6,618,483
2008Q4-2009Q3		6,985,470	6,963,457	6,749,937	6,884,653	6,704,409	6,794,531
2009Q4-2010Q3		7,185,317	7,172,667	6,796,495	7,025,993	6,841,297	6,933,645
2010Q4-2011Q3		7,385,507	7,379,427	6,902,273	7,190,389	6,987,414	7,088,902
Average		6,897,228	6,865,002	6,597,202	6,767,550	6,607,786	6,687,668
Residential Gas Sales Forecast (Dth) (Quarterly)							
2005Q1		3,528,270	3,528,270	3,528,270	3,528,270	3,656,773	3,592,521
2005Q2		1,160,112	1,160,112	1,160,112	1,160,112	1,152,706	1,156,409
2005Q3		408,202	408,202	408,202	408,202	396,872	402,537
2005Q4		1,166,664	1,166,664	1,166,664	1,166,664	1,117,630	1,142,147
2006Q1		3,559,793	3,558,606	3,590,859	3,571,863	3,599,159	3,585,511
2006Q2		1,258,946	1,214,090	1,076,523	1,172,520	1,097,882	1,135,201
2006Q3		454,771	433,858	433,758	440,092	375,812	407,952
2006Q4		1,196,674	1,194,043	1,163,577	1,182,646	1,289,845	1,236,246
2007Q1		3,579,722	3,600,875	3,652,102	3,615,020	3,608,859	3,611,939
2007Q2		1,340,108	1,283,348	1,058,275	1,210,347	1,085,920	1,148,134
2007Q3		489,491	477,104	444,060	467,602	379,030	423,316
2007Q4		1,214,658	1,204,545	1,206,344	1,208,299	1,414,044	1,311,171
2008Q1		3,600,796	3,645,295	3,774,692	3,683,704	3,645,106	3,664,405
2008Q2		1,429,259	1,365,667	1,054,872	1,260,427	1,102,754	1,181,590
2008Q3		536,193	530,364	512,783	525,080	397,553	461,317
2008Q4		1,243,818	1,225,694	1,178,654	1,212,315	1,506,041	1,359,178
2009Q1		3,630,725	3,698,181	3,865,989	3,745,067	3,668,355	3,706,711
2009Q2		1,523,717	1,452,855	1,131,908	1,345,735	1,115,229	1,230,482
2009Q3		587,211	586,727	573,386	581,536	414,784	498,160
2009Q4		1,273,658	1,246,673	1,197,762	1,235,204	1,601,358	1,418,281
2010Q1		3,659,009	3,748,018	3,863,514	3,767,514	3,695,129	3,731,321
2010Q2		1,615,496	1,537,093	1,142,776	1,402,887	1,124,005	1,263,446
2010Q3		637,154	640,884	592,443	620,389	420,805	520,597
2010Q4		1,302,582	1,265,905	1,215,450	1,256,726	1,685,064	1,470,895
2011Q1		3,687,643	3,797,116	3,892,877	3,802,579	3,734,352	3,768,466
2011Q2		1,706,712	1,620,754	1,172,139	1,467,095	1,138,337	1,302,716
2011Q3		688,571	695,652	621,807	663,989	429,660	546,825
2011Q4		1,332,195	1,285,233	1,244,813	1,283,154	1,764,365	1,523,759

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KeySpan Energy Delivery New England
 EnergyNorth Natural Gas Inc.
 Residential Gas Consumption (Dth) Forecasting

Regression Model: C1b
 Dependent Variable: GSNR
 Independent Variable: GSP Auot(-1) Auot(-2) Auot(-3) Auot(-4)

Size 84 Parameter: 5
 Mean 1317481 Std Dev 872900
 R-Square 0.9939 DW 0.935
 SSE 1.35E+14 MSE 1.61E+12

Term	GSP	Auot(-1)	Auot(-2)	Auot(-3)	Auot(-4)
Estimate	152.1634	-0.0171	5.96E-03	0.003858	-9.89E-01
Std Error	6.71E+01	1.95E-02	1.79E-02	1.97E-02	1.90E-02
T-Ratio	2.27	-0.88	0.33	0.2	-51.97
Pr>[t]	0.0259	0.3828	0.7403	0.8454	<.0001

Forecasts (from Base Period 2005-Q4)

Date	LCL	Forecast	UCL
2006Q1	2750675	3559793	4368910
2006Q2	1167627	1258946	1350264
2006Q3	364470	454771.1	545072.1
2006Q4	1106879	1196674	1286470
2007Q1	3490899	3579722	3668546
2007Q2	1249064	1340108	1431153
2007Q3	399420.4	489490.8	579561.2
2007Q4	1125110	1214658	1304206
2008Q1	3512177	3600796	3689415
2008Q2	1338608	1429259	1519910
2008Q3	446467.9	536192.6	625917.3
2008Q4	1154636	1243818	1333000
2009Q1	3542433	3630725	3719016
2009Q2	1433534	1523717	1613899
2009Q3	497903.7	587210.6	676517.4
2009Q4	1184911	1273658	1362406
2010Q1	3571115	3659009	3746904
2010Q2	1525839	1615496	1705153
2010Q3	548320.1	637153.6	725987.1
2010Q4	1214316	1302582	1390847
2011Q1	3600196	3687643	3775090
2011Q2	1617615	1706712	1795809
2011Q3	600244.9	688570.6	776896.3
2011Q4	1244443	1332195	1419947

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KeySpan Energy Delivery New England
 EnergyNorth Natural Gas Inc.
 Residential Gas Consumption (Dth) Forecasting

Regression Model: C2c
 Dependent Variable: GSNR
 Independent Variable: PRCG_1 GSP Auot(-1) Auot(-2) Auot(-3) Auot(-4)

Size 81 Parameters 7
 Mean 1317481.5 Std Dev 872900.04
 R-Square 0.9813 DW 1.7866
 SSE 1.25E+14 MSE 1.54E+12

Term	Intercept	PRCG_1	GSP	Auot(-1)	Auot(-2)	Auot(-3)	Auot(-4)
Estimate	8469003	-1117401	156.4301	0.0596	0.0692	0.0795	-0.9301
Std Error	1.60E+06	1.03E+06	4.33E+01	5.61E-03	2.11E-03	1.04E-02	2.71E-03
T-Ratio	5.31	-1.09	3.61	10.63	32.76	7.67	-343.06
Pr>[t]	<.0001	0.2796	0.0005	<.0001	<.0001	<.0001	<.0001

Forecasts (from Base Period 2005-Q4)

Date	LCL	Forecast	UCL
2006Q1	3251848.49	3558605.89	3865363.3
2006Q2	1123306.22	1214089.95	1304873.7
2006Q3	344076.987	433857.635	523638.28
2006Q4	1104715.49	1194042.71	1283369.9
2007Q1	3512511.48	3600874.89	3689238.3
2007Q2	1192728.67	1283347.93	1373967.2
2007Q3	387450.464	477103.741	566757.02
2007Q4	1115378.72	1204544.89	1293711.1
2008Q1	3557050.86	3645295.19	3733539.5
2008Q2	1275297.49	1365667.31	1456037.1
2008Q3	440921.216	530364.144	619807.07
2008Q4	1136771.27	1225694	1314616.7
2009Q1	3610141.7	3698180.55	3786219.4
2009Q2	1362785.01	1452855.31	1542925.6
2009Q3	497541.284	586726.773	675912.26
2009Q4	1158033.33	1246672.69	1335312
2010Q1	3660226.42	3748017.64	3835808.9
2010Q2	1447361.88	1537092.73	1626823.6
2010Q3	551994.157	640884.001	729773.85
2010Q4	1177577.42	1265904.86	1354232.3
2011Q1	3709603	3797116.08	3884629.1
2011Q2	1531386.05	1620754.2	1710122.3
2011Q3	607080.588	695652.217	784223.85
2011Q4	1197234.78	1285233.23	1373231.7

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KeySpan Energy Delivery New England
 EnergyNorth Natural Gas Inc.
 Residential Gas Consumption (Dth) Forecasting

ARIMA Model (0,1,2)

Time Series: GSNR

Size	85 Parameters	3	
Mean	1317481.496	Std Dev	872900.0386
R-Square	0.987879378	DW	1.320508125
SSE	1.10962E+14	MSE	1.3532E+12
		RMSE	1163271.1
Estimation			
Parameter	MU	MA1_1	MA1_2
Estimate	293631.8719	0.3441897	-0.259873623
Standard Error	113903.1465	0.1386313	0.137639482
t Value	2.577908345	2.4827701	-1.888074693
FACTOR	0	1	1
Lag	0	17	20

Forecasts (from Base Period 2005-Q4)

Date	L95	Forecast	U95
2006Q1	3362861.849	3590858.8	3818855.738
2006Q2	981826.8792	1076523.1	1171219.257
2006Q3	340083.9819	433758.08	527432.1735
2006Q4	1070456.503	1163577.4	1256698.356
2007Q1	3559987.139	3652102.2	3744217.342
2007Q2	963848.0616	1058274.9	1152701.698
2007Q3	350600.9659	444059.67	537518.3833
2007Q4	1113430.661	1206344.4	1299258.2
2008Q1	3682744.882	3774692.3	3866639.75
2008Q2	960540.0247	1054871.6	1149203.267
2008Q3	419375.7474	512782.94	606190.1337
2008Q4	1085837.462	1178654.5	1271471.529
2009Q1	3774092.862	3865988.6	3957884.334
2009Q2	1037647.178	1131907.7	1226168.216
2009Q3	480030.2256	573385.79	666741.362
2009Q4	1105023.618	1197762.4	1290501.156
2010Q1	3771661.224	3863513.9	3955366.605
2010Q2	1048802.51	1142775.6	1236748.782
2010Q3	499338.5152	592443.36	685548.2126
2010Q4	1122950.685	1215450.2	1307949.659
2011Q1	3801229.377	3892877.1	3984524.826
2011Q2	1078509.428	1172138.8	1265768.239
2011Q3	529014.3185	621806.55	714598.7837
2011Q4	1152620.821	1244813.4	1337005.897

KeySpan Energy Delivery New England - EnergyNorth Gas Inc.
Demand Forecast Econometric Model
Variable List
(2005)

Index	Variable Name	Unit	Description	Source	Period Covered	End of History Date
Dependent Variables						
1	CUSN		Number of Non-Heating Residential Customers	EnergyNorth Historical Records	1984Q1-2005Q4	2005 Q4
2	CUSH		Number of Heating Residential Customers	EnergyNorth Historical Records	1984Q1-2005Q4	2005 Q4
3	CUSR		Number of Residential Customers	EnergyNorth Historical Records	1984Q1-2005Q4	2005 Q4
4	CUSI		Number of Industrial Customers	EnergyNorth Historical Records	1984Q1-2005Q4	2005 Q4
5	CUSC		Number of Commercial Customers	EnergyNorth Historical Records	1984Q1-2005Q4	2005 Q4
6	CUSCI		Number of Commercial and Industrial Cust.	EnergyNorth Historical Records	1984Q1-2005Q4	2005 Q4
7	USEN	MMBTU/Customer	Gas Consumption per Non-Heating Res. Cust.	EnergyNorth Historical Records	1984Q1-2005Q4	2005 Q4
8	USEH	MMBTU/Customer	Gas Consumption per Heating Res. Cust.	EnergyNorth Historical Records	1984Q1-2005Q4	2005 Q4
9	USER	MMBTU/Customer	Gas Consumption per Residential Cust.	EnergyNorth Historical Records	1984Q1-2005Q4	2005 Q4
10	USEC	MMBTU/Customer	Gas Consumption per Commercial Cust.	EnergyNorth Historical Records	1984Q1-2005Q4	2005 Q4
11	USEI	MMBTU/Customer	Gas Consumption per Industrial Cust.	EnergyNorth Historical Records	1984Q1-2005Q4	2005 Q4
12	USECI	MMBTU/Customer	Gas Consumption per C & I Cust.	EnergyNorth Historical Records	1984Q1-2005Q4	2005 Q4
13	USNN	MMBTU/Customer	Gas Consumption per Non-Heating Res. Cust.	EnergyNorth Historical Records	1984Q1-2005Q4	2005 Q4
14	USNH	MMBTU/Customer	Gas Consumption per Heating Res. Cust.	EnergyNorth Historical Records	1984Q1-2005Q4	2005 Q4
15	USNR	MMBTU/Customer	Gas Consumption per Residential Cust.	EnergyNorth Historical Records	1984Q1-2005Q4	2005 Q4
16	USNC	MMBTU/Customer	Gas Consumption per Commercial Cust.	EnergyNorth Historical Records	1984Q1-2005Q4	2005 Q4
17	USNI	MMBTU/Customer	Gas Consumption per Industrial Cust.	EnergyNorth Historical Records	1984Q1-2005Q4	2005 Q4
18	USNCI	MMBTU/Customer	Gas Consumption per C & I Cust.	EnergyNorth Historical Records	1984Q1-2005Q4	2005 Q4
19	GASN	MMBTU	Gas Consumption of Residential Cust.	EnergyNorth Historical Records	1984Q1-2005Q4	2005 Q4
20	GASH	MMBTU	Gas Consumption of Heating Res. Cust.	EnergyNorth Historical Records	1984Q1-2005Q4	2005 Q4
21	GASR	MMBTU	Gas Consumption of Non-Heating Res. Cust.	EnergyNorth Historical Records	1984Q1-2005Q4	2005 Q4
22	GASC	MMBTU	Gas Consumption of C & I Cust.	EnergyNorth Historical Records	1984Q1-2005Q4	2005 Q4
23	GASI	MMBTU	Gas Consumption of Commercial Cust.	EnergyNorth Historical Records	1984Q1-2005Q4	2005 Q4
24	GASCI	MMBTU	Gas Consumption of Industrial Cust.	EnergyNorth Historical Records	1984Q1-2005Q4	2005 Q4
25	GSNN	MMBTU	Normal Gas Consumption of Residential Cust.	EnergyNorth Historical Records	1984Q1-2005Q4	2005 Q4
26	GSNH	MMBTU	Normal Gas Consumption of Heating Res. Cust.	EnergyNorth Historical Records	1984Q1-2005Q4	2005 Q4
27	GSNR	MMBTU	Normal Gas Cons. of Non-Heating Res. Cust.	EnergyNorth Historical Records	1984Q1-2005Q4	2005 Q4
28	GSNC	MMBTU	Normal Gas Consumption of C&I Cust.	EnergyNorth Historical Records	1984Q1-2005Q4	2005 Q4
29	GSNI	MMBTU	Normal Gas Consumption of Commercial Cust.	EnergyNorth Historical Records	1984Q1-2005Q4	2005 Q4
30	GSNCI	MMBTU	Normal Gas Consumption of Industrial Cust.	EnergyNorth Historical Records	1984Q1-2005Q4	2005 Q4
Independent Variables						
31	CPI	1982-84 = 100	Consumer Price Index	Global Insight	1984Q1-2020Q4	2005 Q4
32	GSP	Millions of \$	Gross State Product--Aggregate	Bureau of Economic Analysis, Global Insight	1984Q1-2020Q4	2004 Q4
33	RGSP	Millions of 2000 \$	Real Gross State Product--Aggregate	Bureau of Economic Analysis, Global Insight	1984Q1-2020Q4	2004 Q4
34	POP	Thousands	Total Population	Bureau of Census, Current Population Reports	1984Q1-2020Q4	2005 Q2
35	NMIG	Thousands	Net Migration	Bureau of Census, Current Population Reports	1984Q1-2020Q4	2005 Q2
36	EMP	Thousands	Employment, Total Non-Agriculture	Bureau of Labor Statistics	1984Q1-2020Q4	2005 Q4
37	RUEM	Percent	Unemployment Rate	Bureau of Labor Statistics	1984Q1-2020Q4	2005 Q4
38	UEMP	Thousands	Number Unemployed	Bureau of Labor Statistics	1984Q1-2020Q4	2005 Q4
39	REMP	Thousands	Resident Employment	Bureau of Labor Statistics	1984Q1-2020Q4	2005 Q4
40	LBFC	Thousands	Total Labor Force	Bureau of Labor Statistics	1984Q1-2020Q4	2005 Q4
41	HH	Thousands	Households, Family and Non-Family	Global Insight	1984Q1-2020Q4	2000 Q1
42	HSTM	Thousands	Housing Starts, Private Multi-Family	Global Insight	1984Q1-2020Q4	2005 Q4
43	HSTS	Thousands	Housing Starts, Private Single Family	Global Insight	1984Q1-2020Q4	2005 Q4
44	HSTT	Thousands	Housing Starts, Total Private	Global Insight	1984Q1-2020Q4	2005 Q4
45	HSOLD	Thousands	Home Sales, Existing Single-family units	Global Insight	1984Q1-2020Q4	2005 Q4
46	HINC	Thousands of \$	Average Household Income	Global Insight	1984Q1-2020Q4	2000 Q1
47	PCI	Thousands of \$	Per Capita Personal Income	Bureau of Economic Analysis, Global Insight	1984Q1-2020Q4	2005 Q4
48	RPCI	Thousands 2000 \$	Real Per Capita Personal Income	Bureau of Economic Analysis	1984Q1-2020Q4	2005 Q4
49	PINC	Millions of \$	Personal Income, Total, By Place of Residence	Bureau of Economic Analysis, Global Insight	1984Q1-2020Q4	2005 Q4
50	RPINC	Millions of 2000 \$	Real Personal Income, Total	Bureau of Economic Analysis, Global Insight	1984Q1-2020Q4	2005 Q4
51	RPRI	Millions of 2000 \$	Real Income, Residence Adjustment	Bureau of Economic Analysis, Global Insight	1984Q1-2020Q4	2005 Q4
52	RPTR	Millions of 2000 \$	Real Nonfarm Proprietors Income	Bureau of Economic Analysis	1984Q1-2020Q4	2005 Q4
53	PITP	Millions of \$	Personal Income, Total Proprietors Income,	Bureau of Economic Analysis, Global Insight	1984Q1-2020Q4	2005 Q4
54	TPTR	Millions of 2000 \$	Real Total Proprietors Income	Bureau of Economic Analysis, Global Insight	1984Q1-2020Q4	2005 Q4
55	PINF	Millions of \$	Personal Income, Nonfarm Proprietors Income	Bureau of Economic Analysis	1984Q1-2020Q4	2005 Q4
56	INDX	(2002=100)	Industrial Production Index, Total	Global Insight	1984Q1-2020Q4	2005 Q4
57	PRCO	(\$/MCF)	New Hampshire #2 Heating Oil Production Price	U.S. Energy Information Administration	1984Q1-2005Q4	2005 Q4
58	PRCG	(\$/MCF)	New Hampshire Natural Gas City Gate Price	U.S. Energy Information Administration	1984Q1-2005Q4	2005 Q4
59	PRCR	(\$/MCF)	New Hampshire Residential Natural Gas Price	U.S. Energy Information Administration	1984Q1-2005Q4	2005 Q4
60	PRCC	(\$/MCF)	New Hampshire Commercial Natural Gas Price	U.S. Energy Information Administration	1984Q1-2005Q4	2005 Q4
61	PRCI	(\$/MCF)	New Hampshire Industrial Natural Gas Price	U.S. Energy Information Administration	1984Q1-2005Q4	2005 Q4
62	PRCCI	(\$/MCF)	New Hampshire C & I Natural Gas Price	U.S. Energy Information Administration	1984Q1-2005Q4	2005 Q4
63	EGYO	(MMCF)	New Hampshire #2 Heating Oil cnsmp	U.S. Energy Information Administration	1984Q1-2005Q4	2005 Q4
64	EGYG	(MMCF)	New Hampshire Natural Gas cnsmp by All	U.S. Energy Information Administration	1984Q1-2005Q4	2005 Q4
65	EGYR	(MMCF)	New Hampshire Residential Natural Gas cnsmp	U.S. Energy Information Administration	1984Q1-2005Q4	2005 Q4
66	EGYC	(MMCF)	New Hampshire Commercial Natural Gas cnsmp	U.S. Energy Information Administration	1984Q1-2005Q4	2005 Q4
67	EGYI	(MMCF)	New Hampshire Industrial Natural Gas cnsmp	U.S. Energy Information Administration	1984Q1-2005Q4	2005 Q4
68	RPRR	PRCR/PRCO	Price Ratio: Res. Natural Gas Price : #2 Oil Price	U.S. Energy Information Administration	1984Q1-2005Q4	2005 Q4
69	RPRC	PRCC/PRCO	Price Ratio: Commercial Gas Price : #2 Oil Price	U.S. Energy Information Administration	1984Q1-2005Q4	2005 Q4
70	RPRI	PRCI/PRCO	Price Ratio: Industrial Gas Price : #2 Oil Price	U.S. Energy Information Administration	1984Q1-2005Q4	2005 Q4
71	REGR	EGYR/EGYO	Energy Use Ratio: Res. Natural Gas : #2 Oil	U.S. Energy Information Administration	1984Q1-2005Q4	2005 Q4
72	REGC	EGYC/EGYO	Energy Use Ratio: Commercial Gas : #2 Oil	U.S. Energy Information Administration	1984Q1-2005Q4	2005 Q4
73	REGI	EGYI/EGYO	Energy Use Ratio: Industrial Gas : #2 Oil	U.S. Energy Information Administration	1984Q1-2005Q4	2005 Q4
74	REVN	(\$)	Revenue to Residential Non-Heating Customers	EnergyNorth Billing Frequency Record	1984Q1-2005Q4	2005 Q4
75	REVH	(\$)	Revenue to Residential Heating Customers	EnergyNorth Billing Frequency Record	1984Q1-2005Q4	2005 Q4
76	REVR	(\$)	Revenue to Residential Customers	EnergyNorth Billing Frequency Record	1984Q1-2005Q4	2005 Q4
77	REVC	(\$)	Revenue to Commercial Customers	EnergyNorth Billing Frequency Record	1984Q1-2005Q4	2005 Q4
78	REVI	(\$)	Revenue to Industrial Customers	EnergyNorth Billing Frequency Record	1984Q1-2005Q4	2005 Q4
79	REVCI	(\$)	Revenue to Commercial and Industrial Cust.	EnergyNorth Billing Frequency Record	1984Q1-2005Q4	2005 Q4
80	RVNO	(\$)	Revenue (Normal)to Residential Non-Heating Cust.	EnergyNorth Billing Frequency Record	1984Q1-2005Q4	2005 Q4
81	RVNH	(\$)	Revenue (Normal)to Residential Heating Cust.	EnergyNorth Billing Frequency Record	1984Q1-2005Q4	2005 Q4
82	RVNR	(\$)	Revenue (Normal)to Residential Cust.	EnergyNorth Billing Frequency Record	1984Q1-2005Q4	2005 Q4
83	RVNC	(\$)	Revenue (Normal)to Commercial Cust.	EnergyNorth Billing Frequency Record	1984Q1-2005Q4	2005 Q4
84	RVNI	(\$)	Revenue (Normal)to Industrial Cust.	EnergyNorth Billing Frequency Record	1984Q1-2005Q4	2005 Q4
85	RVNCI	(\$)	Revenue (Normal)to C & I Cust.	EnergyNorth Billing Frequency Record	1984Q1-2005Q4	2005 Q4

KeySpan Energy Delivery New England - EnergyNorth Gas Inc.
 Demand Forecast Econometric Model
 Variable List
 (2005)

Index	Variable Name	Unit	Description	Source	Period Covered	End of History Date
86	CHGN	(\$/MMBTU)	Company Charge to Residential Non-Heating Cust.	EnergyNorth Billing Frequency Record	1984Q1-2005Q4	2005 Q4
87	CHGH	(\$/MMBTU)	Company Charge to Residential Heating Cust.	EnergyNorth Billing Frequency Record	1984Q1-2005Q4	2005 Q4
88	CHGR	(\$/MMBTU)	Company Charge to Residential Cust.	EnergyNorth Billing Frequency Record	1984Q1-2005Q4	2005 Q4
89	CHGC	(\$/MMBTU)	Company Charge to Commercial Cust.	EnergyNorth Billing Frequency Record	1984Q1-2005Q4	2005 Q4
90	CHGI	(\$/MMBTU)	Company Charge to Industrial Cust.	EnergyNorth Billing Frequency Record	1984Q1-2005Q4	2005 Q4
91	CHGCI	(\$/MMBTU)	Company Charge to C & I Cust.	EnergyNorth Billing Frequency Record	1984Q1-2005Q4	2005 Q4
92	CHNN	(\$/MMBTU)	Company charge (Normal)to Res. Non-Heating Cust.	EnergyNorth Billing Frequency Record	1984Q1-2005Q4	2005 Q4
93	CHNH	(\$/MMBTU)	Company charge (Normal)to Res. Heating Cust.	EnergyNorth Billing Frequency Record	1984Q1-2005Q4	2005 Q4
94	CHNR	(\$/MMBTU)	Company charge (Normal)to Residential Cust.	EnergyNorth Billing Frequency Record	1984Q1-2005Q4	2005 Q4
95	CHNC	(\$/MMBTU)	Company charge (Normal)to Commercial Cust.	EnergyNorth Billing Frequency Record	1984Q1-2005Q4	2005 Q4
96	CHNI	(\$/MMBTU)	Company charge (Normal)to Industrial Cust.	EnergyNorth Billing Frequency Record	1984Q1-2005Q4	2005 Q4
97	CHNCI	(\$/MMBTU)	Company charge (Normal)to C & I Cust.	EnergyNorth Billing Frequency Record	1984Q1-2005Q4	2005 Q4
98	CDDN		Normal Callendar Degree Days	EnergyNorth Billing Frequency Record	1984Q1-2005Q4	2005 Q4
99	CDDA		Actual Callendar Degree Days	EnergyNorth Billing Frequency Record	1984Q1-2005Q4	2005 Q4
100	BDDN		Normal Billing Degree Days	EnergyNorth Billing Frequency Record	1984Q1-2005Q4	2005 Q4
101	BDDA		Actual Billing Degree Days	EnergyNorth Billing Frequency Record	1984Q1-2005Q4	2005 Q4

Res Var Index Res Var Name	1 CUSN	2 CUSH	3 CUSR	4 USEN	5 USEH	6 USER	7 USNN	8 USNH	9 USNR
Description	ENGI: Number of Non-Heating Residential Customers	ENGI: Number of Heating Residential Customers	ENGI: Number of Residential Customers	ENGI: Natural Gas Consumption per Non-Heating Residential Customers	ENGI: Natural Gas Consumption per Heating Residential Customers	ENGI: Natural Gas Consumption per Residential Customers	ENGI: Natural Gas Consumption per Non-Heating Residential Customers	ENGI: Natural Gas Consumption per Heating Residential Customers	ENGI: Natural Gas Consumption per Residential Customers
Start Year	1984	1984	1984	1984	1984	1984	1984	1984	1984
Start Period	4	4	4	4	4	4	4	4	4
Period / Year	4	4	4	4	4	4	4	4	4
Period / Cycle	4	4	4	4	4	4	4	4	4
1984Q1	5875	33173	39048	8.37	45.14	39.81	8.50	46.24	40.56
1984Q2	5830	33183	39013	5.96	20.46	18.29	5.82	19.59	17.53
1984Q3	5681	33085	38766	3.62	6.61	6.35	3.59	6.74	6.28
1984Q4	5966	33919	39885	5.12	22.77	20.13	5.29	24.63	21.74
1985Q1	5995	34915	40910	8.28	44.03	38.79	8.55	46.28	40.75
1985Q2	5949	35129	41078	6.03	17.70	16.01	6.20	18.64	16.84
1985Q3	5797	35163	40960	3.69	6.83	6.38	3.62	6.87	6.41
1985Q4	6088	36270	42358	5.02	22.94	20.36	5.06	23.38	20.75
1986Q1	6117	38608	44725	8.73	44.19	39.34	9.00	46.03	40.97
1986Q2	6070	39015	45085	6.52	17.86	16.33	6.98	19.67	17.96
1986Q3	5915	39453	45368	3.14	6.12	5.73	3.13	6.05	5.67
1986Q4	6212	40791	47003	4.81	24.90	22.24	4.79	24.71	22.08
1987Q1	6242	42210	48452	8.72	49.92	44.61	8.97	52.01	46.47
1987Q2	6194	42852	49046	6.43	22.21	20.22	6.66	23.53	21.40
1987Q3	6036	42639	48675	4.12	8.13	7.64	4.18	8.24	7.74
1987Q4	6339	43756	50095	5.48	25.26	22.76	5.50	25.48	22.95
1988Q1	6370	45173	51543	7.83	49.66	44.49	7.94	50.82	45.52
1988Q2	6320	45218	51538	6.74	22.51	20.57	6.81	22.85	20.88
1988Q3	6159	44672	50831	3.60	7.40	6.94	3.58	7.32	6.87
1988Q4	6468	45376	51844	5.08	27.39	24.60	5.07	27.17	24.42
1989Q1	6500	46909	53409	8.60	49.62	44.63	8.89	52.27	46.99
1989Q2	6449	47004	53453	6.88	22.28	20.42	6.93	21.97	20.15
1989Q3	6285	45897	52182	3.66	7.53	7.07	3.69	7.67	7.19
1989Q4	6600	46503	53103	6.39	27.46	24.84	6.22	25.77	23.34
1990Q1	6632	47867	54499	8.00	47.37	42.58	8.24	49.85	44.79
1990Q2	6581	47476	54057	5.93	22.00	20.04	5.92	22.16	20.18
1990Q3	6413	46199	52612	4.10	7.08	6.72	4.06	7.09	6.72
1990Q4	6387	47332	53719	5.91	22.15	20.22	6.26	25.06	22.82
1991Q1	6304	48797	55101	8.35	43.74	39.69	8.82	47.55	43.12
1991Q2	6196	48311	54507	5.82	18.82	17.35	6.32	21.44	19.72
1991Q3	6049	47103	53152	3.99	6.72	6.41	3.92	6.64	6.33
1991Q4	6017	48172	54190	5.80	22.53	20.67	5.98	24.04	22.03
1992Q1	6025	49426	55451	8.51	47.94	43.66	8.73	49.85	45.38
1992Q2	6035	49138	55173	6.23	23.17	21.32	6.06	21.78	20.06
1992Q3	5975	47926	53901	4.21	7.02	6.71	4.21	7.02	6.71
1992Q4	6027	49069	55096	6.13	24.59	22.57	6.04	23.85	21.90
1993Q1	5998	49743	55741	8.06	49.90	45.40	8.03	49.15	44.73
1993Q2	6006	49717	55723	6.05	21.31	19.67	6.09	21.54	19.88
1993Q3	6006	48841	54847	4.01	6.44	6.18	3.79	6.00	5.76
1993Q4	6041	50009	56050	5.70	23.90	21.94	5.67	23.50	21.58
1994Q1	6070	50949	57019	8.27	52.77	48.03	7.88	48.55	44.22
1994Q2	6065	50957	57022	5.85	20.91	19.31	5.83	20.79	19.20
1994Q3	6035	50125	56160	3.96	6.23	5.99	4.12	6.36	6.12
1994Q4	6071	51184	57256	5.20	27.67	25.29	5.40	30.90	28.19
1995Q1	5933	52218	58151	6.60	44.63	40.75	6.94	48.94	44.65
1995Q2	5852	52220	58072	5.39	20.03	18.55	5.38	19.67	18.23
1995Q3	5794	51357	57151	4.07	6.68	6.42	3.94	6.47	6.21
1995Q4	5817	52277	58094	4.86	25.18	23.15	4.84	24.60	22.62
1996Q1	5870	53009	58879	6.32	49.61	45.29	6.31	49.36	45.07
1996Q2	5872	53113	58985	5.42	20.77	19.24	5.32	19.65	18.22
1996Q3	5854	52552	58406	4.14	6.87	6.60	4.10	6.85	6.57
1996Q4	5820	53417	59237	4.92	25.40	23.39	4.89	24.99	23.01
1997Q1	5864	54151	60016	6.08	44.52	40.76	6.23	44.75	43.69
1997Q2	5895	54260	60155	5.33	22.06	20.42	5.17	20.00	18.54
1997Q3	5886	54050	59935	4.19	6.55	6.32	4.14	6.46	6.23
1997Q4	5908	54775	60683	5.00	24.85	22.92	4.99	24.70	22.78
1998Q1	5927	55334	61261	6.20	42.07	38.60	6.58	48.29	44.26
1998Q2	5964	55610	61574	5.23	17.66	16.46	5.48	19.58	18.22
1998Q3	5947	55349	61296	3.86	6.50	6.25	3.55	6.15	5.90
1998Q4	5959	56091	62050	4.80	20.30	18.81	4.89	21.77	20.15
1999Q1	5903	56757	62660	6.07	45.10	41.43	6.25	47.72	43.81
1999Q2	5864	57002	62866	5.02	17.57	16.40	5.14	18.18	16.96
1999Q3	5870	57025	62895	3.48	5.87	5.65	3.55	6.04	5.81
1999Q4	5865	57932	63797	4.75	20.43	18.98	4.88	21.85	20.29
2000Q1	5782	58480	64262	6.41	47.39	43.69	6.51	48.71	44.92
2000Q2	5781	58784	64566	5.09	18.28	17.10	5.12	18.94	17.70
2000Q3	5663	57086	63349	3.91	6.57	6.33	3.87	6.47	6.24
2000Q4	5836	58047	63883	5.54	24.31	22.60	5.51	24.02	22.33
2001Q1	5716	58722	64437	7.18	48.21	44.57	7.09	47.16	43.60
2001Q2	5772	58885	64356	5.54	19.42	18.17	5.62	19.48	18.24
2001Q3	5741	59179	64920	3.59	5.95	5.74	3.48	5.90	5.69
2001Q4	6027	59330	65357	5.67	18.52	17.33	6.13	21.22	19.82
2002Q1	5987	59932	65919	8.15	41.05	38.06	8.88	47.16	43.68
2002Q2	5963	59558	65821	5.71	19.69	18.42	5.72	19.94	18.66
2002Q3	5852	58378	64730	3.95	6.85	6.59	3.32	6.11	5.86
2002Q4	5804	60189	65993	6.28	24.85	23.22	6.18	24.30	22.70
2003Q1	5787	62172	67959	9.58	51.84	48.24	10.00	55.09	51.25
2003Q2	5947	63068	69215	6.20	20.75	19.50	5.80	18.04	16.99
2003Q3	6016	64590	70606	3.48	5.89	5.69	3.48	5.88	5.68
2003Q4	5548	61697	67245	6.04	23.12	21.71	5.51	19.13	18.00
2004Q1	5771	65029	71400	9.18	48.82	45.61	9.97	54.98	51.34

Res Var Index Res Var Name	1 CUSN	2 CUSH	3 CUSR	4 USEN	5 USEH	6 USER	7 USNN	8 USNH	9 USNR
Description	ENG: Number of Non-Heating Residential Customers	ENG: Number of Heating Residential Customers	ENG: Number of Residential Customers	ENG: Natural Gas Consumption per Non-Heating Residential Customers	ENG: Natural Gas Consumption per Heating Residential Customers	ENG: Natural Gas Consumption per Residential Customers	ENG: Natural Gas Consumption per Non-Heating Residential Customers	ENG: Natural Gas Consumption per Heating Residential Customers	ENG: Natural Gas Consumption per Residential Customers
Start Year	1984	1984	1984	1984	1984	1984	1984	1984	1984
Start Period	4	4	4	4	4	4	4	4	4
Period / Year	4	4	4	4	4	4	4	4	4
Period / Cycle	4	4	4	4	4	4	4	4	4
2004Q2	5585	64293	69878	5.84	18.38	17.37	5.70	17.33	16.40
2004Q3	5675	66341	72016	3.68	5.92	5.74	3.67	5.90	5.73
2004Q4	5275	62637	67911	5.71	20.94	19.75	5.27	17.78	16.81
2005Q1	5403	66205	71607	9.02	46.66	43.82	9.78	52.50	49.27
2005Q2	5384	66191	71575	5.79	18.88	17.90	5.50	17.08	16.21
2005Q3	5423	67308	73331	3.54	5.72	5.56	3.54	5.73	5.57
2005Q4	5076	64111	69487	5.78	20.84	19.74	5.36	17.69	16.79
2006Q1									
2006Q2									
2006Q3									
2006Q4									
2007Q1									
2007Q2									
2007Q3									
2007Q4									
2008Q1									
2008Q2									
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2019Q1									
2019Q2									
2019Q3									
2019Q4									
2020Q1									
2020Q2									
2020Q3									
2020Q4									

Res Var Index	10	11	12	13	14	15	16	17	18
Res Var Name	GASN	GASH	GASR	GSNN	GSNH	GSNR	CPI	GSP	RGSP
	ENGI: Natural Gas Consumption of Residential Customers	ENGI: Natural Gas Consumption of Heating Residential Customers	ENGI: Natural Gas Consumption of Non-Heating Residential Customers	ENGI: Natural Gas Consumption of Residential Customers	ENGI: Normal Natural Gas Consumption of Heating Residential Customers	ENGI: Normal Natural Gas Consumption of Non-Heating Residential Customers	Consumer Price Index	Gross State Product—Aggregate	Real Gross State Product—Aggregate
Description	Customers	Customers	Customers	Customers	Customers	Customers	Price Index	Product—Aggregate	Product—Aggregate
Start Year	1984	1984	1984	1984	1984	1984	1984	1984	1984
Start Period	4	4	4	4	4	4	4	4	4
Period / Year	4	4	4	4	4	4	4	4	4
Period / Cycle	4	4	4	4	4	4	4	4	4
1984Q1	49173	1497415	1546588	49942	1533918	1583860	102.4745	13921.42	0.00
1984Q2	34729	678879	713608	33947	650016	683963	102.8074	14488.95	0.00
1984Q3	20568	225412	245980	20386	223103	243489	103.8268	14945.54	0.00
1984Q4	30563	772226	802788	31582	835581	867162	104.6483	15355.14	0.00
1985Q1	49623	1537329	1586952	51271	1615897	1667168	106.6530	15862.32	0.00
1985Q2	35876	621916	657793	36897	654816	691713	108.1891	16297.67	0.00
1985Q3	21400	240048	261448	20960	241516	262476	108.6814	16826.34	0.00
1985Q4	30560	831927	862488	30780	847980	878760	111.5703	17266.39	0.00
1986Q1	53399	1706040	1759439	55070	1777286	1832356	110.2958	17768.96	0.00
1986Q2	39589	696736	736325	42343	767319	809663	110.3331	18166.74	0.00
1986Q3	18587	241441	260027	18501	238641	257142	110.1529	18679.03	0.00
1986Q4	29871	1015671	1045541	29751	1007913	1037665	112.1824	19124.66	0.00
1987Q1	54461	2107159	2161620	55964	2195430	2251394	113.3266	19950.39	0.00
1987Q2	39848	951845	991692	41253	1008144	1049397	114.8597	20665.86	0.00
1987Q3	24875	346771	371646	25253	351373	376626	115.6120	21389.43	0.00
1987Q4	34726	1105432	1140158	34881	1115041	1149922	119.0104	22299.88	0.00
1988Q1	49890	2243132	2293023	50581	2295688	2346268	120.4813	21929.23	0.00
1988Q2	42579	1017753	1060332	43037	1033089	1076126	123.1453	22384.90	0.00
1988Q3	22195	330570	352765	22043	327003	349046	126.0685	22720.70	0.00
1988Q4	32833	1242737	1275570	32824	1233085	1265909	127.4170	23159.34	0.00
1989Q1	55874	2327734	2383608	57807	2451780	2509586	130.2364	23269.59	0.00
1989Q2	44387	1047159	1091577	44676	1032576	1077251	132.7346	23470.38	0.00
1989Q3	23026	345833	368859	23166	351832	374999	133.9616	23632.57	0.00
1989Q4	42194	1277111	1319305	41063	1198567	1239630	137.8583	23688.24	0.00
1990Q1	53050	2267541	2320591	54670	2386368	2441039	140.0640	23656.06	26630.39
1990Q2	38993	1044374	1083366	38990	1051934	1090924	139.7930	23658.55	26368.37
1990Q3	26287	327397	353594	26035	327777	353812	144.3361	23543.96	26043.09
1990Q4	37766	1048445	1086211	39949	1186098	1226048	148.0301	23223.97	25524.58
1991Q1	52660	2134331	2186991	55583	2320122	2375705	150.5876	23965.03	26038.07
1991Q2	36085	909404	945489	39160	1035635	1074795	150.4335	24344.52	26272.06
1991Q3	24118	316422	340540	23719	312873	336592	151.6294	24704.17	26464.20
1991Q4	34920	1085283	1120203	35969	1158051	1194020	153.2984	25018.77	26654.04
1992Q1	51277	2369605	2420882	52589	2463929	2516519	154.3808	25603.19	27160.75
1992Q2	37618	1138643	1176281	36586	1070003	1106589	155.4624	26111.44	27558.88
1992Q3	25186	336276	361462	25152	336287	361439	157.8577	26604.95	27964.59
1992Q4	36929	1206695	1243534	36376	1170121	1206497	158.2196	27154.68	28407.33
1993Q1	48336	2482343	2530679	48182	2445068	2493251	160.6911	27139.14	28208.94
1993Q2	36308	1059525	1095833	36597	1071111	1107708	160.1714	27398.99	28339.71
1993Q3	24115	314724	338840	22779	292909	315687	160.6923	27630.37	28473.16
1993Q4	34412	1195418	1229829	34232	1175312	1209544	162.9581	28122.86	28844.20
1994Q1	50206	2688711	2738916	47841	2473729	2521570	163.4125	28674.11	29317.26
1994Q2	35481	1065555	1101036	35347	1059260	1094607	163.9126	29194.20	29766.03
1994Q3	23928	312501	336429	24861	318960	343821	166.0462	29568.52	29998.40
1994Q4	31578	1416592	1448080	32763	1581343	1614106	166.1299	30078.28	30414.97
1995Q1	39145	2330544	2369689	41163	2555482	2596845	167.8976	30993.61	31293.57
1995Q2	31531	1045796	1077296	31490	1026976	1058466	168.3523	31447.27	31720.02
1995Q3	23593	343835	366627	22835	332277	355112	169.4686	32135.41	32347.28
1995Q4	28298	1316833	1344831	28155	1285902	1314058	171.4913	32807.00	32950.78
1996Q1	37105	2629525	2666630	37035	2616670	2653706	173.4123	33289.26	33477.73
1996Q2	31839	1103088	1134927	31236	1043696	1074932	174.7597	34157.21	34385.26
1996Q3	24241	361234	385475	23995	359892	383886	175.1595	34749.62	35028.78
1996Q4	28606	1356976	1385581	28445	1334687	1363132	178.6147	35539.30	35791.40
1997Q1	35646	2410589	2446235	36527	2585637	2622165	179.6608	35727.37	35762.99
1997Q2	31439	1197131	1228570	30466	1084939	1115405	179.9009	38330.66	36401.55
1997Q3	24672	354180	378852	24379	349072	373450	180.6567	36911.49	36949.04
1997Q4	29521	1361496	1390927	29472	1352827	1382299	181.4077	37306.48	37314.42
1998Q1	36753	2327094	2364447	38992	2672353	2711345	183.5020	38110.50	38412.85
1998Q2	31201	982290	1013491	32682	1088950	1121632	184.4057	38569.93	39011.29
1998Q3	22962	359941	382903	21113	340626	361739	183.5080	39298.06	39801.89
1998Q4	28629	1138428	1167056	29127	1221328	1250455	185.8773	40173.52	40745.97
1999Q1	35821	2559942	2595763	36867	2708218	2745085	186.5375	39687.58	40198.40
1999Q2	29437	1001496	1030893	30162	1036126	1066289	188.2712	39929.80	40377.99
1999Q3	20437	334694	355401	20826	344416	365242	188.3838	40311.35	40697.59
1999Q4	27872	1183267	1211140	28619	1265595	1294214	192.1140	40979.27	41270.02
2000Q1	37083	2770696	2807749	37667	2848756	2886423	195.0051	42370.03	42496.59
2000Q2	29404	1074776	1104180	29593	1113351	1142944	196.2250	43480.92	43538.29
2000Q3	22169	378996	401075	21914	373346	395261	198.9644	43908.45	43855.41
2000Q4	32308	1411353	1443661	32143	1394525	1426668	201.2379	44564.59	44445.70
2001Q1	41024	2830887	2871912	40542	2769023	2809565	204.1178	44057.51	43706.81
2001Q2	31993	1137590	1169553	32454	1141216	1173670	206.0262	44439.53	43785.77
2001Q3	20588	352363	372950	19963	349179	369142	206.1879	44377.93	43577.22
2001Q4	34200	1098634	1132884	36974	1258696	1295670	206.7880	44689.03	43694.20
2002Q1	48798	2460222	2509010	53152	2826114	2879266	207.7972	45409.13	44126.53
2002Q2	34077	1178699	1212746	34111	1193782	1227894	208.9996	45887.07	44388.04
2002Q3	23133	403435	426542	19441	359883	379324	210.0053	46398.15	44670.85
2002Q4	36435	1495811	1532065	35870	1462387	1498257	213.5279	46745.66	44714.58
2003Q1	55469	3222496	3278265	57883	3424753	3482636	215.4818	47123.45	44991.97
2003Q2	36867	1312497	1349513	34479	1141331	1175810	216.6297	47566.52	45448.36
2003Q3	20913	380192	401405	20913	379920	400833	218.0900	48695.54	46299.44
2003Q4	33507	1426394	1459891	30595	1179985	1210580	221.2831	49320.49	46756.23
2004Q1	52957	3203711	3256728	57509	3608130	3665638	222.9654	50514.76	47506.08

Res Var Index	10	11	12	13	14	15	16	17	18
Res Var Name	GASN	GASH	GASR	GSNN	GSNH	GSNR	CPI	GSP	RGSP
	ENGI: Natural Gas Consumption of Residential Customers	ENGI: Natural Gas Consumption of Heating Residential Customers	ENGI: Natural Gas Consumption of Non-Heating Residential Customers	ENGI: Normal Natural Gas Consumption of Residential Customers	ENGI: Normal Natural Gas Consumption of Heating Residential Customers	ENGI: Normal Natural Gas Consumption of Non-Heating Residential Customers	Consumer Price Index	Gross State Product--Aggregate	Real Gross State Product--Aggregate
Description	Customers	Customers	Customers	Customers	Customers	Customers	Price Index	Aggregate	Aggregate
Start Year	1984	1984	1984	1984	1984	1984	1984	1984	1984
Start Period	4	4	4	4	4	4	4	4	4
Period / Year	4	4	4	4	4	4	4	4	4
Period / Cycle	4	4	4	4	4	4	4	4	4
2004Q2	32608	1181517	1214124	31839	1114166	1146005	225.8373	51525.29	48053.73
2004Q3	20859	392477	413335	20854	391642	412497	225.0902	52286.95	48660.33
2004Q4	30104	1311318	1341482	27801	1113762	1141563	227.8726	53153.00	49190.69
2005Q1	48740	3089316	3138116	52856	3475414	3528270	229.1702	54039.51	49651.03
2005Q2	31153	1249895	1281048	29615	1130497	1160112	233.4505	54774.72	50023.85
2005Q3	19200	388400	407600	19196	389007	408202	236.8629	55720.46	50494.77
2005Q4	29337	1342515	1371852	27229	1139435	1166664	237.9245	56310.66	50616.27
2006Q1							239.3080	57628.09	51387.60
2006Q2							240.4924	58496.71	51893.18
2006Q3							240.9599	59177.66	52269.32
2006Q4							241.9080	59832.92	52592.77
2007Q1							242.9320	60473.02	52888.57
2007Q2							243.8489	61103.39	53245.86
2007Q3							244.9061	61789.96	53646.33
2007Q4							246.1188	62563.78	54094.72
2008Q1							247.4104	63411.33	54540.22
2008Q2							248.4899	64281.08	55051.28
2008Q3							249.6398	65124.93	55534.69
2008Q4							250.7177	66026.64	56073.11
2009Q1							251.8801	66948.77	56560.55
2009Q2							252.9048	67853.68	57066.00
2009Q3							253.9322	68680.18	57524.68
2009Q4							254.9778	69530.31	58005.99
2010Q1							256.2329	70398.21	58441.16
2010Q2							257.3748	71296.48	58935.54
2010Q3							258.5414	72102.80	59351.66
2010Q4							259.7872	72968.46	59805.39
2011Q1							261.0562	73887.63	60260.22
2011Q2							262.3007	74748.54	60700.16
2011Q3							263.6250	75561.69	61093.31
2011Q4							264.9472	76445.39	61539.10
2012Q1							266.2575	77349.46	61965.71
2012Q2							267.6442	78238.77	62402.78
2012Q3							269.0481	79067.33	62794.61
2012Q4							270.4765	79978.00	63246.70
2013Q1							271.9462	80937.50	63697.04
2013Q2							273.3923	81870.22	64156.56
2013Q3							274.8083	82777.18	64605.26
2013Q4							276.2041	83719.07	65082.96
2014Q1							277.8452	84748.46	65583.05
2014Q2							279.1098	85740.10	66077.86
2014Q3							280.5180	86676.81	66537.63
2014Q4							281.9092	87677.07	67045.74
2015Q1							283.3054	88759.57	67573.20
2015Q2							284.7407	89820.44	68109.96
2015Q3							286.1709	90840.91	68613.88
2015Q4							287.5193	91925.26	69167.66
2016Q1							288.9131	93094.04	69741.90
2016Q2							290.3538	94183.99	70279.08
2016Q3							291.7824	95209.67	70765.67
2016Q4							293.2204	96347.15	71328.18
2017Q1							294.7927	97577.23	71883.85
2017Q2							296.3936	98771.34	72431.16
2017Q3							298.0099	99952.90	72962.00
2017Q4							299.6334	101228.97	73553.67
2018Q1							301.2300	102544.75	74137.85
2018Q2							302.8437	103812.71	74710.92
2018Q3							304.5028	105011.95	75226.78
2018Q4							306.1980	106337.05	75819.98
2019Q1							307.9166	107701.61	76401.10
2019Q2							309.6486	109026.16	76979.91
2019Q3							311.3747	110320.35	77535.48
2019Q4							313.1011	111705.45	78148.19
2020Q1							314.7843	113128.86	78751.32
2020Q2							316.4997	114484.48	79332.55
2020Q3							318.2606	115799.04	79877.87
2020Q4							320.0713	117225.16	80484.06

Res Var Index Res Var Name	19 POP	20 NMIG	21 EMP	22 RUEM	23 UEMP	24 REMP	25 LBFC	26 HH	27 HSTM
Description	Total Population	Net Migration	Employment, Total Non- Agriculture, By Place of Work NAICS	Unemployment Rate	Number Unemployed	Resident Employment	Total Labor Force	Households, Family and Non- Family	Housing Starts, Private Multi- Family
Start Year	1984	1984	1984	1984	1984	1984	1984	1984	1984
Start Period	4	4	4	4	4	4	4	4	4
Period / Year	4	4	4	4	4	4	4	4	4
Period / Cycle	4	4	4	4	4	4	4	4	4
1984Q1	972.1467	3.2138	431.133	4.4202	22.721	491.349	514.070	349.280	2.1292
1984Q2	976.8630	3.1899	437.033	4.1974	21.879	499.383	521.262	352.174	2.5016
1984Q3	981.7980	3.3623	446.233	4.2374	22.402	506.253	528.655	354.876	2.9057
1984Q4	986.7579	3.3406	451.767	4.3661	23.367	511.805	535.171	357.498	3.1713
1985Q1	991.7429	3.2853	456.667	4.2602	22.979	516.414	539.392	360.025	4.4760
1985Q2	996.7530	3.2758	463.833	3.9038	21.179	521.361	542.540	362.811	7.0559
1985Q3	1003.7541	5.2509	467.833	3.5616	19.452	526.742	546.194	365.730	5.2348
1985Q4	1010.8045	5.2781	475.933	3.3035	18.201	532.784	550.986	368.765	5.2586
1986Q1	1017.9043	5.4013	481.967	3.1038	17.267	539.068	556.335	371.366	5.8555
1986Q2	1025.0540	5.3651	487.833	2.7485	15.405	545.121	560.526	374.578	4.7611
1986Q3	1032.2859	5.3408	493.733	2.1745	12.245	550.922	563.167	377.826	4.7317
1986Q4	1039.5687	5.3291	496.800	2.0635	11.720	556.562	568.290	381.063	4.7788
1987Q1	1046.9030	5.1822	504.767	2.1223	12.192	562.297	574.489	384.542	3.0920
1987Q2	1054.2890	5.2317	510.500	2.0940	12.144	567.603	579.746	387.626	2.9730
1987Q3	1061.2907	4.8548	516.900	2.4017	14.080	572.163	586.243	390.622	2.7792
1987Q4	1068.3389	4.8798	519.067	2.4708	14.590	575.931	590.521	393.547	2.7015
1988Q1	1075.4339	5.0112	524.533	2.2821	13.525	579.149	592.674	397.063	5.8205
1988Q2	1082.5760	5.0052	527.533	2.3612	14.071	581.863	595.935	399.687	3.5906
1988Q3	1088.0215	3.2950	530.233	2.5902	15.536	584.257	599.793	401.684	3.5902
1988Q4	1093.4944	3.2342	533.467	2.5793	15.519	586.159	601.678	403.691	2.5428
1989Q1	1098.9949	3.1436	534.933	2.6892	16.223	587.047	603.270	405.708	2.3825
1989Q2	1104.5230	3.1739	530.767	3.2305	19.609	587.316	606.925	407.735	1.2000
1989Q3	1106.4830	-0.3916	527.433	3.8341	23.432	587.666	611.098	408.445	1.5959
1989Q4	1108.4465	-0.3728	522.933	4.3536	26.778	588.260	615.038	409.157	1.2440
1990Q1	1110.4135	-0.4108	518.867	4.8802	30.203	588.660	618.863	409.869	0.5941
1990Q2	1112.3840	-0.3454	511.400	5.4414	33.799	587.330	621.129	409.349	0.6864
1990Q3	1111.7697	-2.8613	506.033	5.8672	36.421	584.345	620.766	409.912	0.4788
1990Q4	1111.1558	-2.7920	496.500	6.3932	39.598	579.794	619.392	411.021	1.0181
1991Q1	1110.5422	-2.6135	486.867	6.9130	42.651	574.337	616.988	412.780	0.2551
1991Q2	1109.9290	-2.6175	480.200	7.2756	44.721	569.953	614.674	413.897	0.1743
1991Q3	1111.8876	-0.0102	479.067	7.4385	45.605	567.494	613.099	415.202	0.1178
1991Q4	1113.8496	0.0241	482.467	7.5600	46.346	566.701	613.047	416.406	0.1132
1992Q1	1115.8151	-0.0411	482.900	7.6644	47.045	566.773	613.818	417.868	0.2490
1992Q2	1117.7840	0.0372	486.900	7.7064	47.403	567.711	615.114	419.069	0.1175
1992Q3	1120.6911	1.0392	486.633	7.5805	46.895	569.289	615.993	420.365	0.3425
1992Q4	1123.6058	1.1812	491.733	7.4171	45.813	571.865	617.679	421.292	0.2556
1993Q1	1126.5281	1.3820	495.633	7.0976	43.918	574.852	618.770	421.758	0.1424
1993Q2	1129.4580	1.4252	500.333	6.4611	39.941	578.231	618.172	422.684	0.8232
1993Q3	1132.7193	1.7811	506.033	6.0567	37.516	581.900	619.416	423.875	0.3148
1993Q4	1135.9901	1.8193	507.933	5.6886	35.306	585.565	620.871	425.159	0.2592
1994Q1	1139.2703	1.9216	515.067	5.2507	32.667	589.490	622.158	426.248	0.2220
1994Q2	1142.5600	1.9198	520.300	4.8619	30.322	593.357	623.679	427.532	0.2967
1994Q3	1146.2919	2.3910	526.300	4.5173	28.243	596.969	625.211	429.467	0.3385
1994Q4	1150.0360	2.3257	530.700	4.3514	27.292	599.923	627.216	431.694	0.4779
1995Q1	1153.7924	2.1814	534.067	4.2398	26.666	602.287	628.954	434.276	0.4772
1995Q2	1157.5610	2.2706	537.800	3.9987	25.183	604.613	629.796	436.506	0.3124
1995Q3	1161.8269	2.8716	540.500	3.9380	24.887	607.088	631.975	438.955	0.2190
1995Q4	1166.1084	2.9106	546.800	3.7489	23.748	609.728	633.477	441.345	0.0769
1996Q1	1170.4058	3.0375	548.633	3.7954	24.158	612.341	636.499	443.615	0.3561
1996Q2	1174.7190	3.1014	551.833	3.7810	24.184	615.437	639.621	446.005	0.2019
1996Q3	1178.3784	2.4478	555.500	3.7001	23.791	619.194	642.985	447.872	0.4548
1996Q4	1182.0491	2.4365	558.833	3.4583	22.336	623.545	645.881	449.800	0.7867
1997Q1	1185.7313	2.4106	562.233	3.1292	20.299	628.423	648.722	451.679	0.5542
1997Q2	1189.4250	2.4204	567.733	3.1936	20.895	633.369	654.264	453.607	0.6981
1997Q3	1193.5324	2.8748	573.267	3.1688	20.878	637.990	658.868	455.434	0.5849
1997Q4	1197.6540	2.9107	577.933	3.0834	20.428	642.094	662.522	457.372	0.8682
1998Q1	1201.7899	2.9319	584.200	2.9398	19.561	645.830	665.391	459.396	0.3505
1998Q2	1205.9400	2.9412	586.933	2.8642	19.148	649.374	668.521	461.334	0.4468
1998Q3	1209.9386	2.8411	590.000	2.7600	18.535	652.993	671.527	463.245	0.2030
1998Q4	1213.9504	2.8386	595.267	2.9296	19.828	656.972	676.799	465.182	0.2702
1999Q1	1217.9755	2.9198	599.700	2.8845	19.634	661.044	680.678	467.234	0.4400
1999Q2	1222.0140	2.9082	604.200	2.7633	18.889	664.664	683.553	469.171	0.2568
1999Q3	1226.6047	3.4343	607.867	2.6354	18.076	667.814	685.890	470.976	0.5577
1999Q4	1231.1953	3.4008	611.600	2.7198	18.753	670.740	689.493	472.774	0.2146
2000Q1	1235.7860	3.3027	616.233	2.6916	18.585	671.911	690.496	474.565	0.4224
2000Q2	1240.5540	3.5079	621.433	2.7482	19.059	674.437	693.496	476.363	0.3996
2000Q3	1245.0277	3.2415	622.967	2.6791	18.630	676.750	695.379	477.992	0.4658
2000Q4	1249.5176	3.2795	627.467	2.6629	18.578	679.066	697.644	479.553	0.4243
2001Q1	1254.0237	3.3106	633.200	2.8981	20.319	680.784	701.103	481.046	0.4003
2001Q2	1258.5460	3.3407	630.000	3.1817	22.383	681.092	703.475	482.470	0.6426
2001Q3	1262.5568	2.8107	624.433	3.6517	26.017	680.610	706.627	483.857	0.1996
2001Q4	1266.5804	2.8102	620.967	3.9649	28.089	680.335	708.424	485.175	0.9473
2002Q1	1270.6167	2.9107	619.433	4.2968	30.560	680.646	711.206	486.389	1.2940
2002Q2	1274.6660	2.9344	618.300	4.5564	32.525	681.303	713.828	488.640	0.9583
2002Q3	1277.8858	2.1108	618.900	4.6472	33.245	682.128	715.373	490.740	2.1502
2002Q4	1281.1137	2.1101	616.633	4.6741	33.487	682.951	716.438	492.749	1.3244
2003Q1	1284.3498	2.0106	614.667	4.4892	32.143	683.870	716.013	494.475	1.2568
2003Q2	1287.5940	2.0105	615.033	4.4651	32.030	685.313	717.343	495.445	1.2891
2003Q3	1290.4780	1.7101	619.833	4.4908	32.318	687.322	719.640	496.398	1.9909
2003Q4	1293.3686	1.7105	621.633	4.3302	31.206	689.459	720.665	497.411	1.7597
2004Q1	1296.2655	1.7100	622.367	4.1405	29.882	691.815	721.697	498.449	1.8759

Res Var Index Res Var Name	19 POP	20 NMIG	21 EMP	22 RUEM	23 UEMP	24 REMP	25 LBFC	26 HH	27 HSTM		
Description	Total Population	Net Migration	Employment, Total Non- Agriculture, By Place of Work			Unemployment Rate	Number Unemployed	Resident Employment	Total Labor Force	Households, Family and Non- Family	Housing Starts, Private Multi- Family
			NAICS	1984	1984						
Start Year	1984	1984	1984	1984	1984	1984	1984	1984	1984	1984	1984
Start Period	4	4	4	4	4	4	4	4	4	4	4
Period / Year	4	4	4	4	4	4	4	4	4	4	4
Period / Cycle	4	4	4	4	4	4	4	4	4	4	4
2004Q2	1299.1690	1.7185	626.667	3.9631	28.665	694.632	723.297	499.832	1.2098		
2004Q3	1301.8534	1.4814	629.300	3.7472	27.152	697.450	724.603	501.221	1.3036		
2004Q4	1304.5434	1.4822	630.767	3.5869	26.046	700.105	726.151	502.678	1.2428		
2005Q1	1307.2389	1.4144	633.100	3.6959	26.964	702.581	729.544	504.199	0.9884		
2005Q2	1309.9400	1.5165	635.000	3.6100	26.398	704.848	731.246	509.654	1.3283		
2005Q3	1312.7878	1.6137	636.500	3.6243	26.576	706.709	733.285	510.868	0.6629		
2005Q4	1315.7833	1.8165	636.133	3.5361	25.958	708.112	734.069	512.470	1.0173		
2006Q1	1318.9273	1.9112	640.501	3.3943	24.982	711.032	736.015	514.140	1.0361		
2006Q2	1322.2208	2.1418	643.181	3.4014	25.105	712.977	738.082	516.071	0.8549		
2006Q3	1325.6648	2.3137	645.799	3.4034	25.190	714.950	740.140	518.038	0.8342		
2006Q4	1329.1158	2.3118	647.468	3.4031	25.257	716.915	742.172	519.907	0.8996		
2007Q1	1332.5735	2.3198	649.597	3.4016	25.313	718.847	744.160	521.751	0.9016		
2007Q2	1336.0384	2.3131	651.647	3.4012	25.380	720.814	746.194	523.633	0.9269		
2007Q3	1339.5648	2.4100	653.560	3.4009	25.447	722.809	748.256	525.532	0.9523		
2007Q4	1343.0988	2.4167	655.744	3.4006	25.516	724.814	750.330	527.483	0.9696		
2008Q1	1346.6398	2.4134	658.166	3.3999	25.581	726.834	752.415	529.462	0.9775		
2008Q2	1350.1886	2.4134	660.449	3.3986	25.644	728.911	754.555	531.399	0.9600		
2008Q3	1353.7831	2.5146	662.605	3.3968	25.703	730.991	756.694	533.349	0.9675		
2008Q4	1357.3854	2.5119	664.959	3.3952	25.763	733.058	758.821	535.312	0.9712		
2009Q1	1360.9951	2.5112	666.664	3.3933	25.821	735.136	760.957	537.306	0.9668		
2009Q2	1364.6129	2.6117	668.462	3.3914	25.881	737.245	763.126	539.283	0.9554		
2009Q3	1368.2252	2.6118	669.960	3.3893	25.938	739.335	765.273	541.239	0.9518		
2009Q4	1371.8453	2.6114	671.480	3.3873	25.995	741.419	767.414	543.206	0.9459		
2010Q1	1375.4734	2.6110	672.510	3.3851	26.050	743.492	769.542	545.176	0.9249		
2010Q2	1379.1090	2.6113	673.591	3.3830	26.106	745.573	771.678	547.096	0.9114		
2010Q3	1382.7573	2.5112	674.170	3.3806	26.156	747.554	773.710	548.924	0.9199		
2010Q4	1386.4042	2.5113	674.935	3.3784	26.208	749.532	775.740	550.778	0.9091		
2011Q1	1389.5285	2.5114	675.765	3.3764	26.260	751.510	777.770	552.655	0.9083		
2011Q2	1393.0150	2.5117	676.557	3.3744	26.314	753.510	779.824	554.458	0.9138		
2011Q3	1396.3656	2.4116	676.999	3.3715	26.358	755.431	781.789	556.168	0.9184		
2011Q4	1399.7216	2.4114	677.645	3.3682	26.398	757.352	783.750	557.894	0.9023		
2012Q1	1403.0838	2.4112	678.126	3.3643	26.434	759.285	785.719	559.622	0.8977		
2012Q2	1406.4543	2.5116	678.759	3.3597	26.464	761.227	787.691	561.331	0.8939		
2012Q3	1409.8062	2.5111	679.132	3.3542	26.486	763.165	789.652	562.999	0.8905		
2012Q4	1413.1664	2.5116	679.753	3.3485	26.507	765.097	791.604	564.691	0.8837		
2013Q1	1416.5355	2.5112	680.174	3.3426	26.526	767.046	793.571	566.358	0.8830		
2013Q2	1419.9125	2.5111	680.703	3.3363	26.542	769.015	795.557	568.038	0.8728		
2013Q3	1423.1885	2.4116	681.280	3.3299	26.555	770.916	797.471	569.658	0.8736		
2013Q4	1426.4717	2.5111	681.874	3.3235	26.567	772.815	799.382	571.279	0.8739		
2014Q1	1429.7629	2.5116	682.344	3.3170	26.580	774.730	801.309	572.888	0.8732		
2014Q2	1433.0612	2.5114	682.989	3.3105	26.592	776.668	803.260	574.548	0.8593		
2014Q3	1436.1951	2.4114	683.530	3.3039	26.600	778.506	805.107	576.123	0.8628		
2014Q4	1439.3351	2.4114	684.185	3.2974	26.608	780.335	806.943	577.724	0.8634		
2015Q1	1442.4819	2.4116	684.684	3.2909	26.616	782.178	808.794	579.359	0.8659		
2015Q2	1445.6344	2.4119	685.462	3.2843	26.625	784.049	810.674	581.015	0.8797		
2015Q3	1448.7855	2.4111	686.226	3.2778	26.633	785.906	812.540	582.647	0.8852		
2015Q4	1451.9425	2.5117	687.141	3.2715	26.643	787.770	814.413	584.290	0.8882		
2016Q1	1455.1059	2.5114	688.063	3.2653	26.654	789.631	816.285	585.968	0.8980		
2016Q2	1458.2748	2.5112	688.957	3.2592	26.667	791.522	818.189	587.675	0.9076		
2016Q3	1461.4132	2.5110	689.624	3.2532	26.678	793.381	820.059	589.384	0.9143		
2016Q4	1464.5570	2.5119	690.625	3.2474	26.692	795.239	821.930	591.072	0.9128		
2017Q1	1467.7070	2.5110	691.877	3.2419	26.708	797.114	823.822	592.745	0.9200		
2017Q2	1470.8620	2.6111	693.270	3.2369	26.729	799.031	825.761	594.420	0.9329		
2017Q3	1474.0546	2.6110	694.759	3.2323	26.754	800.952	827.707	596.115	0.9470		
2017Q4	1477.2527	2.6116	696.335	3.2281	26.781	802.857	829.639	597.812	0.9562		
2018Q1	1480.4568	2.7115	697.966	3.2242	26.812	804.778	831.590	599.492	0.9698		
2018Q2	1483.6662	2.7115	699.599	3.2204	26.844	806.715	833.559	601.178	0.9821		
2018Q3	1486.8267	2.7111	700.944	3.2166	26.875	808.629	835.504	602.847	0.9884		
2018Q4	1489.9923	2.7110	702.704	3.2130	26.907	810.519	837.425	604.516	0.9763		
2019Q1	1493.1636	2.7112	704.377	3.2095	26.940	812.435	839.375	606.164	0.9868		
2019Q2	1496.3399	2.7114	706.062	3.2061	26.974	814.359	841.333	607.814	0.9913		
2019Q3	1499.3467	2.6117	707.713	3.2027	27.004	816.179	843.184	609.401	1.0026		
2019Q4	1502.3577	2.6113	709.431	3.1992	27.035	818.015	845.051	610.988	1.0091		
2020Q1	1505.3735	2.6111	711.050	3.1957	27.065	819.850	846.914	612.588	1.0088		
2020Q2	1508.3934	2.6119	712.551	3.1918	27.092	821.709	848.801	614.182	1.0138		
2020Q3	1511.1360	2.4114	713.934	3.1882	27.116	823.392	850.508	615.654	1.0073		
2020Q4	1513.8815	2.4111	715.347	3.1848	27.141	825.056	852.197	617.127	0.9950		

Res Var Index	28	29	30	31	32	33	34	35	36
Res Var Name	HSTS	HSTT	HSOLD	HINC	PCI	RPCI	PINC	RPINC	RPIR
	Housing Starts, Private Single Family	Housing Starts, Total Private	Home Sales, Existing Single- family units	Average Household Income	Per Capita Personal Income -- By Place of Residence	Real Per Capita Personal Income	Personal Income, Total, By Place of Residence	Real Personal Income, Total	Real Income, Residence Adjustment
Description	1984	1984	1984	1984	1984	1984	1984	1984	1984
Start Year	4	4	4	4	4	4	4	4	4
Start Period	4	4	4	4	4	4	4	4	4
Period / Year	4	4	4	4	4	4	4	4	4
Period / Cycle	4	4	4	4	4	4	4	4	4
1984Q1	8.8378	10.9	15.200	39.2809	14.1131	22.0593	13720.00	21444.87	2067.90
1984Q2	7.9622	10.4	15.300	39.6849	14.3070	22.1474	13976.00	21635.01	2136.26
1984Q3	7.6684	10.5	12.600	40.4733	14.6293	22.4727	14363.00	22063.66	2175.18
1984Q4	9.4995	12.6	11.700	41.3541	14.9824	22.8718	14784.00	22568.92	2202.85
1985Q1	9.7410	14.2	13.200	42.4888	15.4244	23.2954	15297.00	23103.06	2245.82
1985Q2	10.5343	17.5	14.700	42.9866	15.6468	23.4536	15596.00	23377.40	2264.89
1985Q3	9.0169	14.2	16.300	43.3079	15.7798	23.5014	15839.00	23589.60	2257.83
1985Q4	11.1747	16.4	13.900	44.2612	16.1475	23.8615	16322.00	24119.28	2277.16
1986Q1	15.5154	21.1	14.600	45.5292	16.6106	24.3704	16908.00	24806.70	2285.83
1986Q2	13.7531	18.5	14.300	46.1399	16.8606	24.7223	17283.00	25341.64	2302.05
1986Q3	13.5674	18.2	14.600	46.3599	16.9682	24.6943	17516.00	25491.54	2344.53
1986Q4	13.0298	17.8	17.500	47.0289	17.2389	24.9106	17921.00	25896.28	2385.73
1987Q1	11.8098	14.9	16.800	47.7503	17.5394	25.0619	18362.00	26237.43	2389.12
1987Q2	12.3730	15.3	15.400	48.6371	17.8822	25.3339	18853.00	26709.26	2404.16
1987Q3	11.6998	14.4	15.100	49.9537	18.3861	25.7848	19513.00	27365.16	2441.59
1987Q4	11.1964	13.8	14.400	51.5364	18.9846	26.4002	20282.00	28204.31	2476.67
1988Q1	12.5773	18.3	14.100	51.7878	19.1207	26.3610	20563.00	28349.46	2502.27
1988Q2	8.2599	11.8	14.000	52.3635	19.3326	26.3613	20929.00	28538.12	2541.69
1988Q3	7.7653	11.3	14.600	53.0392	19.5814	26.3854	21305.00	28707.91	2548.07
1988Q4	7.0208	9.5	12.700	54.2866	20.0413	26.7438	21915.00	29244.18	2580.80
1989Q1	6.4051	8.7	10.000	55.2885	20.4105	26.9172	22431.00	29581.81	2570.32
1989Q2	6.0648	7.2	9.600	55.3741	20.4414	26.6112	22578.00	29392.70	2550.28
1989Q3	5.5336	7.1	9.700	55.4738	20.4775	26.4896	22658.00	29310.26	2549.67
1989Q4	4.9087	6.1	10.000	55.7097	20.5639	26.3833	22794.00	29244.45	2557.00
1990Q1	5.1058	5.6	9.400	55.2127	20.3798	25.7659	22630.00	28810.80	2510.87
1990Q2	3.7655	4.4	8.400	55.9547	20.5909	25.7557	22905.00	28650.23	2514.17
1990Q3	3.3691	3.8	8.300	56.0827	20.6778	25.5440	22889.00	28399.01	2489.19
1990Q4	3.6860	4.7	7.700	55.3353	20.4688	24.9625	22744.00	27737.26	2446.40
1991Q1	2.9906	3.2	8.000	56.3812	20.9564	25.3667	23273.00	28170.77	2643.62
1991Q2	3.9135	4.0	10.100	56.6156	21.1122	25.4143	23433.00	28208.06	2630.25
1991Q3	3.5952	3.7	9.900	56.6062	21.1379	25.2665	23503.00	28093.47	2620.13
1991Q4	3.9180	4.0	10.600	57.3071	21.4239	25.4054	23863.00	28297.84	2608.86
1992Q1	3.6335	3.8	12.300	57.3842	21.4901	25.2878	23979.00	28216.56	2600.55
1992Q2	3.9003	4.0	13.000	58.1336	21.7949	25.4834	24362.00	28484.91	2610.90
1992Q3	3.7764	4.1	12.000	58.5777	21.9722	25.5125	24624.00	28591.67	2595.13
1992Q4	4.4427	4.6	13.000	60.3169	22.6156	26.0948	25411.00	29320.27	2664.22
1993Q1	3.9187	4.0	13.300	58.4031	21.8654	25.0992	24632.00	28274.94	2616.05
1993Q2	3.8781	4.7	13.200	59.5197	22.2744	25.4048	25158.00	28693.63	2691.67
1993Q3	4.0073	4.3	14.300	60.2819	22.5581	25.6403	25552.00	29043.29	2723.38
1993Q4	4.0997	4.3	15.500	60.5679	22.6683	25.6304	25751.00	29115.93	2763.36
1994Q1	3.6871	3.9	15.000	61.3351	22.9480	25.8441	26144.00	29443.43	2691.62
1994Q2	4.4166	4.7	15.800	62.8374	23.5130	26.3368	26865.00	30091.40	2785.68
1994Q3	4.2278	4.5	15.100	63.2155	23.6842	26.2953	27149.00	30142.11	2755.63
1994Q4	4.3981	4.8	16.000	64.2376	24.1132	26.6526	27731.00	30651.47	2778.76
1995Q1	4.4029	4.6	16.500	64.5073	24.2799	26.7080	28014.00	30815.43	2665.30
1995Q2	4.0999	4.4	16.300	65.7585	24.7970	27.1266	28704.00	31400.69	2636.42
1995Q3	4.0936	4.3	17.100	65.4600	24.7317	26.9406	28734.00	31300.31	2709.12
1995Q4	3.6331	3.7	17.300	66.0210	24.9874	27.1057	29138.00	31608.18	2717.36
1996Q1	4.1762	4.5	17.900	68.2732	25.8773	27.8977	30287.00	32651.63	2746.93
1996Q2	4.4237	4.6	19.400	69.1562	26.2585	28.1263	30844.00	33040.53	2792.66
1996Q3	4.5250	4.9	20.900	69.9106	26.5713	28.3502	31311.00	33407.31	2819.95
1996Q4	4.3943	5.1	20.000	70.5557	26.8483	28.4555	31736.00	33635.75	2860.56
1997Q1	4.6566	5.2	21.000	69.7642	26.5752	28.0385	31511.00	33246.11	2964.73
1997Q2	4.3494	5.0	22.800	70.7528	26.9828	28.4146	32094.00	33797.03	2947.53
1997Q3	4.9123	5.4	24.400	71.8129	27.4027	28.7789	32706.00	34348.55	2965.83
1997Q4	4.8194	5.6	25.300	72.9582	27.8620	29.1638	33369.00	34928.19	3018.76
1998Q1	5.5377	5.8	24.800	73.8231	28.2196	29.5153	33914.00	35471.19	2982.95
1998Q2	5.1800	5.6	29.900	75.2926	28.8033	30.0751	34735.00	36268.81	3085.49
1998Q3	5.2661	5.4	25.900	76.9528	29.4627	30.6622	35848.00	37099.33	3100.28
1998Q4	5.3408	5.6	25.600	78.0362	29.9032	31.0061	36301.00	37639.85	3107.54
1999Q1	5.8090	6.2	23.500	77.1690	29.6032	30.6176	36056.00	37291.47	3389.29
1999Q2	5.8087	6.0	23.100	78.1377	29.9997	30.8261	36660.00	37669.93	3427.90
1999Q3	5.9380	6.4	23.700	79.4435	30.5037	31.1724	37416.00	38236.17	3537.89
1999Q4	5.5910	5.8	25.200	81.1508	31.1616	31.6561	38366.00	38974.79	3620.55
2000Q1	5.9264	6.3	23.000	86.3042	33.1425	33.3774	40957.00	41247.38	3981.03
2000Q2	5.3120	5.7	23.500	85.9178	32.9917	33.0654	40928.00	41019.47	3959.83
2000Q3	5.6236	6.0	31.200	87.1124	33.4442	33.3645	41639.00	41539.72	4128.13
2000Q4	6.8586	7.2	26.000	87.9798	33.7658	33.5354	42191.00	41903.13	4101.82
2001Q1	5.8335	6.2	23.900	88.5736	33.9770	33.4742	42608.00	41977.50	4022.58
2001Q2	5.2956	5.9	27.400	88.3226	33.8589	33.1476	42613.00	41717.74	3953.17
2001Q3	6.6405	6.8	30.400	87.8854	33.6809	32.9265	42524.00	41571.59	3895.75
2001Q4	5.1642	6.1	24.900	88.1147	33.7531	32.9501	42751.00	41733.94	3858.96
2002Q1	7.1926	8.4	12.000	88.4908	33.8741	32.9922	43041.00	41920.47	3762.43
2002Q2	4.1520	5.1	25.300	89.2232	34.2035	33.0836	43598.00	42170.53	3759.73
2002Q3	6.5708	8.7	29.600	88.4786	33.9780	32.7212	43420.00	41813.93	3709.52
2002Q4	5.8408	7.1	27.800	88.3086	33.9658	32.5754	43514.00	41732.84	3699.12
2003Q1	5.8813	7.1	16.900	88.4494	34.0530	32.4157	43736.00	41633.11	3558.27
2003Q2	6.3898	7.4	26.500	89.0008	34.2460	32.5471	44095.00	41907.43	3571.56
2003Q3	6.5460	8.1	36.600	89.8855	34.5756	32.7005	44619.00	42199.29	3631.76
2003Q4	6.1316	7.8	30.400	90.9449	34.9761	32.9727	45237.00	42645.84	3655.87
2004Q1	6.2436	8.1	11.500	92.8140	35.6894	33.3285	46263.00	43202.53	3619.59

Res Var Index	28	29	30	31	32	33	34	35	36
Res Var Name	HSTS	HSTT	HSOLD	HINC	PCI	RPCI	PINC	RPINC	RPIR
Description	Housing Starts, Private Single Family	Housing Starts Total Private	Home Sales, Existing Single- family units	Average Household Income	Per Capita Personal Income – By Place of Residence	Real Per Capita Personal Income	Personal Income, Total, By Place of Residence	Real Personal Income, Total	Real Income, Residence Adjustment
	1984	1984	1984	1984	1984	1984	1984	1984	1984
Start Year	1984	1984	1984	1984	1984	1984	1984	1984	1984
Start Period	4	4	4	4	4	4	4	4	4
Period / Year	4	4	4	4	4	4	4	4	4
Period / Cycle	4	4	4	4	4	4	4	4	4
2004Q2	6.8606	8.0 3	27.600	94.0436	36.1816	33.4739	47006.00	43488.24	3669.20
2004Q3	6.5131	7.8 7	35.200	95.5607	36.7914	33.9141	47897.00	44151.21	3643.86
2004Q4	7.5724	8.8 2	31.100	97.7027	37.6477	34.4361	49113.00	44923.44	3663.36
2005Q1	6.7195	7.7 9	27.478	97.9138	37.7651	34.3519	49368.00	44906.13	3692.15
2005Q2	6.3177	7.6 0	24.277	98.1333	38.1804	34.4489	50014.00	45125.96	3634.33
2005Q3	7.3404	8.0 4	21.449	98.9810	38.5325	34.4514	50585.00	45227.37	3667.54
2005Q4	5.8483	6.8 6	18.951	99.9991	38.9722	34.5998	51279.00	45525.89	3689.73
2006Q1	5.6963	6.7 4	21.592	100.9841	39.3961	34.8162	51960.65	45920.05	3686.36
2006Q2	5.2100	6.0 8	19.875	101.9243	39.8146	35.0348	52643.75	46323.71	3709.15
2006Q3	5.0309	5.8 9	18.720	102.9689	40.2711	35.3306	53385.99	46836.47	3744.97
2006Q4	4.9675	5.8 1	18.280	103.8530	40.6575	35.5268	54038.56	47219.21	3770.02
2007Q1	4.9417	5.8 3	18.089	104.6593	41.0119	35.6855	54651.31	47553.56	3783.91
2007Q2	4.9139	5.8 8	18.281	105.5991	41.4217	35.8950	55340.93	47957.07	3806.35
2007Q3	4.9027	5.8 0	17.465	106.5054	41.8183	36.0824	56018.30	48334.68	3829.24
2007Q4	4.9097	5.8 3	17.601	107.4416	42.2311	36.2674	56720.53	48710.65	3849.47
2008Q1	4.8897	5.8 2	17.314	108.4192	42.6628	36.4573	57451.40	49094.87	3869.43
2008Q2	4.8799	5.8 9	17.468	109.5337	43.1453	36.7091	58254.23	49564.14	3893.40
2008Q3	4.8711	5.8 6	16.733	110.5659	43.5956	36.9278	59019.00	49992.21	3916.70
2008Q4	4.8671	5.8 3	17.057	111.6275	44.0590	37.1641	59805.02	50446.07	3939.45
2009Q1	4.8189	5.7 9	16.848	112.6757	44.5199	37.3872	60591.38	50883.82	3961.10
2009Q2	4.8081	5.7 8	17.233	113.8423	45.0267	37.6601	61444.03	51391.41	3984.24
2009Q3	4.8185	5.7 2	17.059	114.9772	45.5200	37.9197	62281.66	51882.71	4007.44
2009Q4	4.8554	5.8 4	17.307	116.0481	45.9893	38.1593	63090.19	52348.66	4031.01
2010Q1	4.8329	5.7 8	17.634	116.9834	46.4053	38.3328	63829.30	52725.78	4052.19
2010Q2	4.8663	5.7 6	17.910	118.0415	46.8661	38.5501	64633.52	53164.85	4073.97
2010Q3	4.8990	5.8 9	18.174	119.0558	47.3079	38.7452	65406.72	53568.20	4095.94
2010Q4	4.9244	5.8 5	18.391	120.0418	47.7408	38.9219	66171.02	53947.58	4117.84
2011Q1	4.9410	5.8 2	18.554	120.9872	48.1598	39.0804	66919.45	54303.37	4140.30
2011Q2	4.9450	5.8 8	18.637	121.9882	48.5948	39.2524	67693.30	54679.21	4163.99
2011Q3	4.9376	5.8 1	18.647	123.0072	49.0339	39.4186	68469.27	55042.75	4187.01
2011Q4	4.9283	5.8 6	18.647	124.0262	49.4746	39.5836	69250.67	55405.99	4210.73
2012Q1	4.9116	5.8 3	18.607	124.9539	49.8793	39.7188	69984.78	55728.79	4234.99
2012Q2	4.8937	5.7 6	18.567	126.0127	50.3347	39.8864	70793.39	56098.41	4258.85
2012Q3	4.8797	5.7 2	18.550	127.0194	50.7665	40.0324	71570.99	56437.99	4283.25
2012Q4	4.8779	5.7 5	18.555	128.0604	51.2143	40.1866	72374.36	56790.39	4307.40
2013Q1	4.8814	5.7 4	18.594	129.0894	51.6551	40.3320	73171.32	57131.75	4332.02
2013Q2	4.8803	5.7 1	18.606	130.2126	52.1348	40.5080	74026.86	57517.81	4357.30
2013Q3	4.8854	5.7 1	18.653	131.3412	52.6153	40.6869	74881.53	57905.09	4383.15
2013Q4	4.9000	5.7 9	18.754	132.4675	53.0950	40.8653	75738.49	58293.20	4409.43
2014Q1	4.9187	5.7 9	18.881	133.5805	53.5683	41.0320	76590.01	58666.06	4434.95
2014Q2	4.9302	5.7 5	18.962	134.7604	54.0734	41.2202	77490.44	59071.07	4460.61
2014Q3	4.9386	5.8 5	19.023	135.9379	54.5760	41.4094	78381.85	59471.92	4486.74
2014Q4	4.9518	5.8 2	19.170	137.1329	55.0883	41.6060	79290.47	59884.98	4513.36
2015Q1	4.9911	5.8 0	19.349	138.3356	55.6071	41.8033	80212.28	60300.56	4540.03
2015Q2	5.0203	5.8 9	19.527	139.5998	56.1530	42.0159	81176.67	60739.61	4566.74
2015Q3	5.0512	5.9 4	19.715	140.9048	56.7135	42.2379	82165.65	61193.62	4593.52
2015Q4	5.0748	5.9 0	19.861	142.1994	57.2712	42.4619	83154.42	61652.17	4621.28
2016Q1	5.0844	5.9 3	19.926	143.4817	57.8276	42.6779	84145.34	62100.84	4648.30
2016Q2	5.0827	5.9 4	19.926	144.7927	58.3988	42.8992	85161.52	62558.83	4674.94
2016Q3	5.0786	5.9 9	19.911	146.1126	58.9756	43.1216	86187.70	63018.51	4701.37
2016Q4	5.0814	5.9 2	19.937	147.4974	59.5768	43.3584	87253.68	63500.91	4727.90
2017Q1	5.0818	6.0 3	20.000	148.8861	60.1785	43.5671	88324.48	63943.67	4752.14
2017Q2	5.0756	6.0 5	20.000	150.3179	60.7983	43.7821	89425.87	64397.46	4776.07
2017Q3	5.0701	6.0 1	20.000	151.7008	61.3993	43.9791	90505.91	64827.56	4799.81
2017Q4	5.0726	6.0 7	20.000	153.2085	62.0514	44.2088	91665.63	65307.63	4823.11
2018Q1	5.0738	6.0 5	20.000	154.6120	62.6599	44.4054	92765.33	65740.26	4847.02
2018Q2	5.0697	6.0 8	20.000	156.1472	63.3229	44.6366	93950.03	66225.83	4870.37
2018Q3	5.0666	6.0 0	20.000	157.5787	63.9446	44.8325	95074.52	66658.11	4894.05
2018Q4	5.0682	6.0 5	20.000	159.1478	64.6225	45.0612	96287.00	67140.84	4917.01
2019Q1	5.0671	6.0 0	20.000	160.6584	65.2748	45.2676	97465.92	67591.87	4940.32
2019Q2	5.0625	6.0 8	20.000	162.1815	65.9327	45.4740	98657.71	68044.53	4963.66
2019Q3	5.0605	6.0 0	20.000	163.7419	66.6071	45.6893	99867.14	68504.14	4986.87
2019Q4	5.0601	6.0 2	20.000	165.4136	67.3270	45.9323	101149.31	69006.75	5010.83
2020Q1	5.0533	6.0 1	20.000	167.0245	68.0242	46.1600	102401.85	69468.12	5035.18
2020Q2	5.0485	6.0 3	20.000	168.5589	68.6900	46.3608	103611.49	69930.28	5059.53
2020Q3	5.0475	6.0 8	20.000	170.0697	69.3457	46.5479	104790.83	70340.16	5082.89
2020Q4	5.0421	6.0 1	20.000	171.6797	70.0424	46.7541	106035.97	70780.23	5105.92

Res Var Index Res Var Name	37 RPTR	38 PITP	39 TPTR	40 PINF	41 INDX	42 PRCG	43 PRCR	44 EGYG	45 EGYR
Description	Real Nonfarm Proprietors Income	Personal Income Total Proprietors Income	Real Total Proprietors Income	Personal Income, Nonfarm Proprietors Income	Industrial Production Index, Total	New Hampshire Natural Gas City Gate Price	New Hampshire Residential Natural Gas Price	New Hampshire Natural Gas Consumption by All	New Hampshire Residential Natural Gas Consumption
Start Year	1984	1984	1984	1984	1984	1984	1984	1984	1984
Start Period	4	4	4	4	4	4	4	4	4
Period / Year	4	4	4	4	4	4	4	4	4
Period / Cycle	4	4	4	4	4	4	4	4	4
1984Q1	1569.29	1009.00	1577.10	1004.00		3.68	6.5255	1197.21	484.44
1984Q2	1574.33	1021.00	1583.52	1017.00		4.03	7.9521	519.21	110.31
1984Q3	1569.94	1022.00	1577.62	1022.00		4.26	7.0481	643.30	201.73
1984Q4	1589.17	1049.00	1585.80	1041.00		4.39	6.9658	2146.38	805.14
1985Q1	1748.93	1169.00	1751.01	1158.00		4.43	6.5717	1351.51	489.84
1985Q2	1788.23	1201.00	1793.72	1193.00		4.40	8.1352	623.48	114.10
1985Q3	1828.91	1235.00	1839.33	1228.00		4.30	7.1575	726.49	204.31
1985Q4	1866.36	1270.00	1870.70	1263.00		4.15	6.9209	2110.15	873.81
1986Q1	1888.23	1291.00	1898.50	1287.00		3.97	6.4062	1298.05	531.94
1986Q2	1953.08	1331.00	1963.34	1332.00		3.78	8.0455	570.83	123.16
1986Q3	1990.89	1372.00	2009.99	1368.00		3.57	7.0846	684.44	220.88
1986Q4	2027.37	1411.00	2049.37	1403.00		3.37	6.3498	2235.85	963.84
1987Q1	2170.50	1541.00	2204.79	1519.00		3.20	5.8229	1376.75	582.92
1987Q2	2290.82	1641.00	2324.82	1617.00		3.06	7.3999	597.69	134.91
1987Q3	2379.88	1724.00	2417.75	1697.00		2.98	6.4818	724.42	240.56
1987Q4	2440.52	1784.00	2480.84	1755.00		2.96	6.1953	2398.33	1019.61
1988Q1	2494.00	1832.00	2525.71	1809.00		2.97	5.5535	1474.62	613.79
1988Q2	2496.69	1854.00	2529.06	1831.00		3.01	7.1018	641.68	142.46
1988Q3	2499.56	1881.00	2541.33	1855.00		3.06	6.1894	777.82	250.68
1988Q4	2522.08	1915.00	2569.45	1890.00		3.11	6.6600	2454.40	1044.00
1989Q1	2537.35	1941.00	2583.46	1924.00		3.45	6.9100	1670.19	686.00
1989Q2	2473.48	1914.00	2481.70	1900.00		2.98	7.5000	683.90	155.00
1989Q3	2444.89	1904.00	2463.00	1890.00		3.17	6.8600	804.53	274.00
1989Q4	2406.89	1891.00	2426.13	1876.00		3.29	6.7600	2614.37	1118.00
1990Q1	2233.99	1791.00	2263.07	1767.00	65.76	3.86	7.7700	1578.09	655.00
1990Q2	2180.19	1761.00	2205.21	1743.00	66.01	3.03	8.3200	670.47	145.00
1990Q3	2149.47	1751.00	2172.95	1740.00	65.79	3.06	7.7700	769.90	203.00
1990Q4	2089.08	1731.00	2111.03	1713.00	63.64	3.50	6.9700	2239.51	905.40
1991Q1	2028.71	1697.00	2054.13	1676.00	61.26	3.72	7.2200	1472.14	598.73
1991Q2	2037.99	1716.00	2065.68	1693.00	61.45	2.87	7.8800	670.34	141.29
1991Q3	2067.89	1741.00	2089.21	1730.00	62.53	2.82	7.1500	790.03	248.54
1991Q4	2072.86	1771.00	2085.95	1748.00	63.34	3.40	6.9000	2563.66	1032.21
1992Q1	2140.45	1841.00	2181.40	1819.00	62.36	3.60	6.9400	1896.90	765.87
1992Q2	2187.64	1901.00	2229.05	1871.00	63.57	3.28	9.0900	771.86	159.16
1992Q3	2231.89	1951.00	2266.53	1922.00	64.74	3.42	8.0900	916.66	287.60
1992Q4	2314.61	2031.00	2343.45	2006.00	64.92	3.89	7.8600	2710.54	1048.26
1993Q1	2338.26	2051.00	2353.18	2037.00	66.10	3.59	5.9100	1844.28	721.41
1993Q2	2367.75	2091.00	2384.86	2076.00	67.06	3.91	8.6000	820.59	148.69
1993Q3	2414.21	2139.00	2441.26	2124.00	67.85	4.44	7.0900	1097.95	327.66
1993Q4	2395.89	2141.00	2400.77	2119.00	69.27	3.72	8.1500	3459.99	1293.93
1994Q1	2316.60	2071.00	2332.36	2057.00	70.80	3.94	6.5700	1719.34	664.72
1994Q2	2408.21	2164.00	2443.89	2150.00	72.37	3.38	9.4200	785.91	136.47
1994Q3	2395.91	2170.00	2409.24	2158.00	73.56	2.94	7.7600	957.73	275.28
1994Q4	2420.64	2201.00	2433.90	2190.00	75.83	3.09	7.3100	2671.03	1012.54
1995Q1	2333.10	2121.00	2356.40	2121.00	77.34	3.37	5.6500	1833.73	688.29
1995Q2	2310.42	2114.00	2312.61	2112.00	77.89	3.38	8.1600	829.71	159.54
1995Q3	2287.56	2101.00	2290.82	2100.00	78.69	3.86	7.2400	880.60	253.66
1995Q4	2311.66	2131.00	2315.00	2131.00	80.22	3.31	7.0900	3136.33	1192.56
1996Q1	2362.06	2191.00	2391.61	2191.00	80.77	4.06	5.9400	1881.34	697.68
1996Q2	2440.23	2281.00	2441.72	2278.00	83.09	4.30	8.4500	786.42	159.34
1996Q3	2518.00	2361.00	2511.34	2360.00	85.04	4.45	7.0500	1112.44	311.86
1996Q4	2526.71	2391.00	2511.07	2384.00	86.24	4.12	9.1000	2918.69	1060.97
1997Q1	2575.41	2441.00	2575.47	2441.00	88.28	4.45	6.6200	1966.49	744.23
1997Q2	2600.33	2471.00	2607.39	2475.00	90.86	3.72	9.0100	821.65	160.23
1997Q3	2629.75	2501.00	2609.81	2504.00	93.83	4.25	7.4700	1103.25	326.82
1997Q4	2670.20	2551.00	2661.24	2551.00	96.98	3.90	8.1900	3049.76	1140.13
1998Q1	2811.42	2691.00	2805.51	2688.00	99.01	3.93	6.3800	1753.26	642.79
1998Q2	2896.49	2771.00	2886.58	2774.00	99.29	3.53	9.0300	846.24	169.30
1998Q3	3024.31	2901.00	3007.43	2906.00	100.06	3.92	7.2900	1033.17	293.51
1998Q4	3137.60	3021.00	3130.72	3026.00	101.13	3.54	7.4400	3303.81	1245.59
1999Q1	3092.45	2991.00	3101.76	2990.00	102.18	3.52	5.6700	1820.87	672.39
1999Q2	3142.24	3067.00	3151.49	3058.00	103.52	3.81	8.8000	799.17	151.81
1999Q3	3177.15	3118.00	3188.35	3109.00	104.21	5.64	7.3800	1099.70	325.47
1999Q4	3257.89	3215.00	3241.02	3207.00	106.74	4.84	9.0600	3728.70	1315.98
2000Q1	3441.23	3418.00	3431.23	3417.00	108.77	4.19	7.9400	2046.72	631.76
2000Q2	3497.80	3491.00	3491.80	3490.00	110.81	4.54	12.4900	1093.48	178.28
2000Q3	3508.61	3517.00	3517.00	3517.00	111.60	6.67	10.9900	1254.81	302.05
2000Q4	3515.85	3541.00	3515.85	3540.00	112.27	6.94	11.9400	3171.00	1254.71
2001Q1	3483.68	3531.00	3483.70	3536.00	110.80	5.38	11.9900	2280.00	734.17
2001Q2	3508.70	3581.00	3508.77	3584.00	108.35	4.37	16.6700	1003.00	152.85
2001Q3	3545.77	3621.00	3545.83	3627.00	104.37	3.22	13.0000	1589.00	300.26
2001Q4	3548.52	3631.00	3548.57	3635.00	100.55	2.83	9.4600	2917.00	1031.54
2002Q1	3651.40	3731.00	3651.84	3749.00	99.43	3.90	10.0500	2179.00	633.51
2002Q2	3643.66	3741.00	3643.65	3767.00	100.24	4.29	12.2300	1657.00	212.02
2002Q3	3592.99	3721.00	3592.92	3731.00	100.88	4.51	11.4100	1038.00	272.71
2002Q4	3611.85	3771.00	3611.84	3766.00	99.41	4.94	8.9900	5812.00	1344.75
2003Q1	3560.18	3731.00	3560.27	3740.00	99.19	9.20	10.6700	3959.00	827.12
2003Q2	3634.29	3821.00	3634.34	3824.00	98.82	4.63	16.9500	4097.00	171.77
2003Q3	3719.71	3931.00	3719.71	3933.00	100.50	7.76	13.4700	4892.00	317.17
2003Q4	3760.51	3991.00	3760.51	3989.00	102.49	8.56	13.6700	5504.00	1305.83
2004Q1	3813.83	4081.00	3813.90	4084.00	103.71	6.02	14.6200	6282.00	707.83

Res Var Index Res Var Name	37 RPTR	38 PITP	39 TPTR	40 PINF	41 INDX	42 PRCG	43 PRCR	44 EGYG	45 EGYR
Description	Real Nonfarm Proprietors Income	Personal Income Total Proprietors Income,	Real Total Proprietors Income	Personal Income, Nonfarm Proprietors Income	Industrial Production Index, Total	New Hampshire Natural Gas City Gate Price	New Hampshire Residential Natural Gas Price	New Hampshire Natural Gas Consumption by All	New Hampshire Residential Natural Gas Consumption
Start Year	1984	1984	1984	1984	1984	1984	1984	1984	1984
Start Period	4	4	4	4	4	4	4	4	4
Period / Year	4	4	4	4	4	4	4	4	4
Period / Cycle	4	4	4	4	4	4	4	4	4
2004Q2	3936.57	4258.00	3936.57	4255.00	105.50	5.99	18.3500	4222.00	162.72
2004Q3	3993.22	4333.00	3993.22	4332.00	107.73	7.63	16.3800	3269.00	260.08
2004Q4	3991.73	4364.00	3991.73	4364.00	108.05	9.07	13.2700	6934.00	1345.51
2005Q1	4053.27	4455.00	4053.27	4456.00	109.52	8.21	14.6600	5693.00	746.12
2005Q2	4123.36	4566.00	4123.36	4570.00	110.23	9.65	17.3000	6050.00	182.29
2005Q3	4159.29	4647.00	4159.29	4652.00	109.68	12.75	18.5300	6050.00	245.80
2005Q4	4178.91	4703.00	4178.91	4707.00	111.33	12.29	17.0100	6050.00	1183.13
2006Q1	4122.75	4663.00	4122.75	4665.08	111.77	12.35			
2006Q2	4139.63	4702.00	4139.63	4704.40	112.82	12.99			
2006Q3	4182.86	4765.00	4182.86	4767.78	113.39	12.99			
2006Q4	4209.51	4815.00	4209.51	4817.44	112.98	13.09			
2007Q1	4233.43	4863.00	4233.43	4855.30	113.27	13.29			
2007Q2	4262.85	4917.00	4262.85	4919.19	113.64	13.37			
2007Q3	4294.27	4975.00	4294.27	4976.92	114.11	13.48			
2007Q4	4331.61	5042.00	4331.61	5043.89	114.74	13.60			
2008Q1	4374.07	5117.00	4374.07	5118.59	115.37	13.70			
2008Q2	4423.71	5198.00	4423.71	5199.32	115.93	13.81			
2008Q3	4467.48	5273.00	4467.48	5274.14	116.57	13.91			
2008Q4	4515.12	5351.00	4515.12	5352.78	117.32	14.02			
2009Q1	4568.64	5439.00	4568.64	5440.24	118.22	14.12			
2009Q2	4625.99	5530.00	4625.99	5530.88	119.11	14.23			
2009Q3	4672.41	5606.00	4672.41	5608.91	119.99	14.33			
2009Q4	4719.52	5687.00	4719.52	5687.93	120.99	14.44			
2010Q1	4765.16	5768.00	4765.16	5768.66	121.97	14.54			
2010Q2	4818.34	5857.00	4818.34	5857.74	122.89	14.65			
2010Q3	4862.76	5937.00	4862.76	5937.43	123.80	14.75			
2010Q4	4907.73	6019.00	4907.73	6019.73	124.84	14.86			
2011Q1	4955.73	6106.00	4955.73	6107.07	125.89	14.96			
2011Q2	5002.42	6192.00	5002.42	6193.03	126.96	15.07			
2011Q3	5042.95	6272.00	5042.95	6273.07	128.06	15.17			
2011Q4	5086.14	6356.00	5086.14	6357.05	129.14	15.27			
2012Q1	5131.01	6443.00	5131.01	6443.57	130.27	15.38			
2012Q2	5176.27	6531.00	5176.27	6532.20	131.45	15.48			
2012Q3	5216.80	6615.00	5216.80	6615.61	132.64	15.59			
2012Q4	5259.15	6702.00	5259.15	6702.32	133.84	15.69			
2013Q1	5303.14	6791.00	5303.14	6791.98	135.04	15.80			
2013Q2	5347.81	6882.00	5347.81	6882.76	136.25	15.90			
2013Q3	5389.32	6969.00	5389.32	6969.34	137.47	16.01			
2013Q4	5430.65	7055.00	5430.65	7055.87	138.82	16.11			
2014Q1	5477.32	7150.00	5477.32	7150.78	140.31	16.22			
2014Q2	5525.82	7248.00	5525.82	7248.86	141.82	16.32			
2014Q3	5568.55	7339.00	5568.55	7339.14	143.36	16.43			
2014Q4	5613.22	7432.00	5613.22	7432.16	144.94	16.53			
2015Q1	5663.94	7534.00	5663.94	7534.22	146.46	16.64			
2015Q2	5714.26	7636.00	5714.26	7636.94	148.08	16.74			
2015Q3	5760.95	7735.00	5760.95	7735.32	149.72	16.85			
2015Q4	5810.50	7836.00	5810.50	7837.02	151.42	16.95			
2016Q1	5865.79	7947.00	5865.79	7948.03	153.21	17.06			
2016Q2	5920.40	8059.00	5920.40	8059.46	155.03	17.16			
2016Q3	5970.00	8164.00	5970.00	8164.91	156.90	17.27			
2016Q4	6022.99	8275.00	6022.99	8275.92	158.79	17.37			
2017Q1	6082.50	8401.00	6082.50	8401.67	160.34	17.47			
2017Q2	6142.63	8529.00	6142.63	8529.99	161.86	17.58			
2017Q3	6204.05	8661.00	6204.05	8661.49	163.39	17.68			
2017Q4	6267.99	8797.00	6267.99	8797.31	164.99	17.79			
2018Q1	6332.56	8935.00	6332.56	8935.81	166.77	17.89			
2018Q2	6394.44	9071.00	6394.44	9071.36	168.58	18.00			
2018Q3	6454.16	9205.00	6454.16	9205.57	170.31	18.10			
2018Q4	6518.44	9348.00	6518.44	9348.12	172.06	18.21			
2019Q1	6583.23	9492.00	6583.23	9492.87	173.85	18.31			
2019Q2	6644.54	9633.00	6644.54	9633.92	175.67	18.42			
2019Q3	6705.98	9776.00	6705.98	9776.16	177.44	18.52			
2019Q4	6769.54	9922.00	6769.54	9922.72	179.23	18.63			
2020Q1	6837.05	10075.00	6837.05	10075.49	181.10	18.73			
2020Q2	6901.27	10225.00	6901.27	10225.20	182.99	18.84			
2020Q3	6963.09	10373.00	6963.09	10373.42	184.96	18.94			
2020Q4	7025.69	10525.00	7025.69	10525.19	186.91	19.05			

Res Var Index	46	47	48	49	50	51	52	53	54
Res Var Name	RPRR	REGR	REVN	REVH	REVR	RVNN	RVNH	RVNR	CHGN
	Price Ratio: Residential Natural Gas : #2 Heating Oil Price	Energy Consumption Ratio: Residential Natural Gas : #2 Heating Oil	Revenue to Residential Non-Heating Customers	Revenue to Residential Heating Customers	Revenue to Residential Customers	Revenue (Normal)to Residential Non-Heating Customers	Revenue (Normal)to Residential Heating Customers	Revenue (Normal)to Residential Customers	Company Charge to Residential Non-Heating Customers
Description	1984	1984	1984	1984	1984	1984	1984	1984	1984
Start Year	1984	1984	1984	1984	1984	1984	1984	1984	1984
Start Period	4	4	4	4	4	4	4	4	4
Period / Year	4	4	4	4	4	4	4	4	4
Period / Cycle	4	4	4	4	4	4	4	4	4
1984Q1	0.82	7.66	752781.94	11289571.06	12042323.00	808540.04	12114824.29	12923364.32	15.31
1984Q2	1.06	3.07	581476.22	5513371.78	6094848.00	504059.12	4711968.59	5216027.70	16.74
1984Q3	0.93	4.58	380216.74	1992888.26	2373105.00	406134.41	2170516.12	2578650.53	18.49
1984Q4	0.94	7.79	502572.26	6196457.74	6699030.00	728443.03	8875253.18	9603696.21	16.44
1985Q1	0.87	10.10	790465.08	12055076.92	12845542.00	858171.82	13132287.31	13990459.12	15.93
1985Q2	1.21	4.38	629792.32	5275733.68	5905526.00	543529.59	4638943.69	5182473.28	17.55
1985Q3	0.95	3.93	381831.36	2045846.64	2427678.00	408009.65	2234698.30	2642707.95	17.84
1985Q4	0.90	9.98	499251.59	6565254.41	7064506.00	708850.14	9105202.44	9814052.58	16.34
1986Q1	1.15	8.99	815021.41	12847626.59	13662648.00	854263.09	13466018.94	14320282.02	15.26
1986Q2	1.72	4.29	674649.44	5736794.56	6411444.00	549494.43	4730549.64	5280044.07	17.04
1986Q3	1.49	3.27	360845.32	2255569.68	2616415.00	442941.24	2770507.38	3213448.61	19.41
1986Q4	1.13	7.95	427645.59	7122481.41	7550327.00	617123.64	10284954.80	10920278.44	14.32
1987Q1	1.07	6.34	716399.87	13695659.13	14412059.00	708414.87	13538275.08	14246689.94	13.15
1987Q2	1.35	3.04	537940.44	6263717.56	6801658.00	434358.46	5104246.22	5438604.68	13.50
1987Q3	1.12	2.89	342192.91	2302752.09	2644945.00	321523.79	2165664.24	2487188.00	13.76
1987Q4	1.02	4.51	409967.47	6507769.56	6917757.03	556780.22	8823889.74	9380669.95	11.81
1988Q1	0.95	7.02	590689.51	13147606.61	13738276.12	604695.87	13487280.10	14091975.97	11.84
1988Q2	1.25	2.02	505161.58	5931693.95	6436855.53	381863.40	4476288.49	4858151.89	11.86
1988Q3	1.17	3.35	293647.31	2117423.58	2411070.89	310871.14	2263877.33	2574748.47	13.23
1988Q4	1.09	6.58	446019.03	8399083.49	8845162.52	587702.66	11012533.82	11600236.47	13.59
1989Q1	1.12	5.38	756617.24	15603140.61	16359807.85	776219.60	16057516.96	16833736.56	13.54
1989Q2	1.30	4.70	582042.98	6799186.74	7381279.72	434369.81	4927114.58	5361484.39	13.11
1989Q3	1.12	1.76	336046.94	2443196.71	2779243.65	356542.62	2607968.10	2964510.73	14.59
1989Q4	0.77	6.37	582522.41	8680818.07	9263340.48	700537.80	10961148.76	11661686.56	13.81
1990Q1	1.17	6.39	768128.95	16200724.53	16968853.48	792160.77	16079090.78	16871251.55	14.48
1990Q2	1.40	3.00	579577.46	7667273.15	8246790.61	452537.91	5489223.81	5941761.72	14.86
1990Q3	0.88	2.55	425931.15	2549001.15	2974932.30	423577.86	2715951.00	3139528.25	16.20
1990Q4	0.88	5.54	556511.30	7548689.24	8105230.54	769199.69	11126154.56	11895354.26	14.74
1991Q1	1.16	6.76	741246.56	14852220.34	15593466.90	786543.07	15768246.41	16554789.47	14.08
1991Q2	1.37	2.85	507146.56	6275591.36	6782777.92	437230.85	5026308.22	5463269.07	14.06
1991Q3	1.10	2.07	370111.48	2339603.57	2709725.05	384353.15	2539108.71	2923461.86	15.35
1991Q4	1.06	4.55	501643.02	7693219.71	8194862.73	668806.38	10938324.65	11605131.03	14.37
1992Q1	1.15	7.53	712261.95	16302861.34	17015143.29	729518.87	16612826.74	17342345.61	13.89
1992Q2	1.49	3.30	577045.80	8379018.42	8956034.22	431480.31	5464037.19	5895517.50	15.34
1992Q3	1.25	2.92	452851.38	2918038.12	3370889.50	482684.74	3252640.47	3735325.21	17.98
1992Q4	1.22	6.77	388084.83	11285495.79	11673580.62	425810.25	11647466.01	12073276.26	10.51
1993Q1	0.95	7.53	321821.94	17029421.62	17351243.57	320535.48	16851427.64	17171963.12	6.66
1993Q2	1.49	2.88	158336.13	3961887.25	4120223.37	159555.71	4009675.72	4169231.43	4.36
1993Q3	1.25	4.40	125037.38	1959514.23	2084551.61	116327.61	1775626.30	1891953.91	5.18
1993Q4	1.37	5.84	255592.45	10258150.38	10513652.83	254303.34	10107111.00	10361414.34	7.42
1994Q1	1.14	8.17	363840.25	18668799.28	19032639.52	346919.21	17179877.33	17526796.54	7.25
1994Q2	1.78	4.69	168344.44	4078333.78	4246668.22	167647.47	4052736.53	4220384.00	4.74
1994Q3	1.42	3.95	124382.61	1804742.34	1929124.95	127552.73	1831740.81	1958293.54	5.20
1994Q4	1.26	6.79	249369.52	9540479.62	9789840.14	259054.67	10675228.09	10934282.76	7.90
1995Q1	1.00	7.39	260397.42	15305437.96	15565835.38	273504.59	16836437.94	17109942.53	6.65
1995Q2	1.51	5.21	152097.00	4049093.63	4201180.63	151619.60	3970466.73	4122086.33	4.82
1995Q3	1.33	3.36	122222.85	1891660.50	2013913.35	113012.19	1768204.82	1881217.00	5.18
1995Q4	1.08	6.38	209204.87	11499577.96	11708782.83	208094.75	11260238.66	11468333.41	7.39
1996Q1	0.83	8.55	266046.86	17729259.86	17995336.72	265520.71	17647729.19	17913249.89	7.17
1996Q2	1.37	5.10	152800.51	4336455.63	4489286.14	149926.84	4104933.29	4254860.13	4.80
1996Q3	0.96	3.90	120381.27	1813393.80	1933785.06	119043.30	1805144.63	1924187.93	4.97
1996Q4	1.21	5.67	216781.60	12072792.73	12289574.33	215459.13	11858261.58	12073720.71	7.58
1997Q1	0.91	6.91	261293.64	16995869.56	17257073.20	267542.46	18235762.27	18503304.73	7.33
1997Q2	1.42	3.87	157278.85	4912565.92	5069844.76	152461.30	4455232.68	4607693.99	5.00
1997Q3	1.15	4.11	138806.97	2049273.81	2188139.78	137040.08	2019104.89	2156144.97	5.63
1997Q4	1.28	6.14	316902.71	11660667.16	11977599.87	316347.00	11571974.00	11888321.00	10.74
1998Q1	1.06	7.63	371733.32	17132264.62	17504017.94	394408.00	19659047.00	20053455.00	10.11
1998Q2	1.73	4.99	255494.24	5845650.99	6101135.23	267684.00	6482791.00	6750475.00	8.19
1998Q3	1.39	3.80	249985.63	3500822.81	3750808.44	227284.00	3290429.00	3517713.00	10.89
1998Q4	1.42	7.01	284411.11	8518624.44	8803105.56	289518.00	9135927.00	9425445.00	9.94
1999Q1	1.09	8.05	342333.82	18001231.88	18343535.71	352270.00	19042282.00	19394552.00	9.56
1999Q2	1.71	4.15	228372.30	5680385.25	5908717.55	234118.00	5887946.00	6122064.00	7.76
1999Q3	1.14	4.40	193247.54	2852328.23	3045575.77	196741.00	2927770.00	3124511.00	9.46
1999Q4	1.01	6.19	290591.75	9515756.95	9806338.70	298385.00	10178943.00	10477328.00	10.43
2000Q1	0.92	6.41	390107.79	22653616.70	23043737.49	396154.00	23277491.00	23673645.00	10.52
2000Q2	1.43	4.66	270515.46	7453633.32	7724188.78	271893.00	7659897.00	7931790.00	9.20
2000Q3	1.13	3.48	241040.31	3741678.34	3982738.64	238323.51	3687801.74	3926125.25	10.87
2000Q4	1.20	5.90	402483.12	14993263.95	15395667.07	400117.68	14785099.12	15185216.80	12.46
2001Q1	1.28	6.98	235715.00	10680073.00	10915809.00	227536.00	9667310.00	9894846.00	5.75
2001Q2	1.86	3.45	182743.00	3762558.00	3945321.00	180403.00	3610451.00	3790854.00	5.71
2001Q3	1.50	3.81	173379.00	2716640.00	2890019.00	173029.00	2711980.00	2885009.00	8.42
2001Q4	1.13	5.99	212116.00	4606402.00	4818508.00	210498.00	4571289.00	4781787.00	6.20
2002Q1	1.24	6.87	246019.00	7958869.00	8204869.00	256746.60	8876585.87	9133332.47	5.04
2002Q2	1.63	5.66	210612.00	4851889.00	5062561.00	211455.42	4305599.70	4517055.12	6.18
2002Q3	1.39	2.90	181246.59	2851038.58	3032285.17	181246.59	2851038.58	3032285.17	7.83
2002Q4	1.05	5.88	211916.07	5844542.32	6056458.39	210800.37	5767420.28	5978220.65	5.82
2003Q1	1.09	7.45	255652.00	9441387.00	9697079.00	261408.00	9798997.00	10060405.00	4.61
2003Q2	1.93	4.96	215012.00	5245740.00	5460772.00	209360.00	4875444.00	5084804.00	5.83
2003Q3	1.51	3.83	178397.00	2926033.00	3104420.00	178386.00	2924826.00	3103212.00	8.53
2003Q4	1.36	5.74	198416.00	5347579.00	5546025.00	191525.00	4858580.00	5050105.00	5.92
2004Q1	1.48	8.00	249382.00	9601010.00	9850372.00	260144.00	10333874.00	10594018.00	4.71

Res Var Index	46	47	48	49	50	51	52	53	54
Res Var Name	RPRR	REGR	REVN	REVN	REVR	RVNN	RVNH	RVNR	CHGN
Description	Price Ratio: Residential Natural Gas Price : #2 Heating Oil	Energy Consumption Ratio: Residential Natural Gas : #2 Heating Oil	Revenue to Residential Non- Heating Customers	Revenue to Residential Heating Customers	Revenue to Residential Customers	Revenue (Normal)to Residential Non- Heating Customers	Revenue (Normal)to Residential Heating Customers	Revenue (Normal)to Residential Customers	Company Charge to Residential Non- Heating Customers
Start Year	1984	1984	1984	1984	1984	1984	1984	1984	1984
Start Period	4	4	4	4	4	4	4	4	4
Period / Year	4	4	4	4	4	4	4	4	4
Period / Cycle	4	4	4	4	4	4	4	4	4
2004Q2	1.77	5.66	197745.00	5000511.00	5197656.00	195325.00	4842926.00	5038251.00	6.05
2004Q3	1.27	3.43	171026.00	3006773.00	3177789.00	152322.00	2643372.00	2795694.00	8.20
2004Q4	1.03	7.21	184819.00	5149930.00	5334499.00	179679.00	4746919.00	4926598.00	6.13
2005Q1	1.06	11.17	231489.00	9423834.00	9655323.00	241242.00	10116906.00	10358148.00	4.75
2005Q2	1.17	5.91	189419.00	5169881.00	5359290.00	185749.00	4950953.00	5136702.00	6.08
2005Q3	1.08	4.32	161614.00	3047763.00	3209397.00	161625.00	3049194.00	3210819.00	8.42
2005Q4	1.04	9.30	178456.00	5218159.00	5396615.00	173453.00	4822475.00	4995928.00	6.08
2006Q1									
2006Q2									
2006Q3									
2006Q4									
2007Q1									
2007Q2									
2007Q3									
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2018Q3									
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2019Q2									
2019Q3									
2019Q4									
2020Q1									
2020Q2									
2020Q3									
2020Q4									

Res Var Index Res Var Name	55 CHGH	56 CHGR	57 CHNN	58 CHNH	59 CHNR	60 CDDN	61 CDDA	62 BDDN	63 BDDA
	Company Charge to Residential Heating Customers	Company Charge to Residential Customers	Company charge (Normal)to Residential Non- Heating Customers	Company charge (Normal)to Residential Heating Customers	Company charge (Normal)to Residential Customers	Normal Callendar Degree Days	Actual Callendar Degree Days	Normal Billing Degree Days	Actual Billing Degree Days
Description	1984	1984	1984	1984	1984	1984	1984	1984	1984
Start Year	4	4	4	4	4	4	4	4	4
Start Period	4	4	4	4	4	4	4	4	4
Period / Year	4	4	4	4	4	4	4	4	4
Period / Cycle	4	4	4	4	4	4	4	4	4
1984Q1	7.54	7.79	16.19	7.90	8.16	3652	3644	3826	3718
1984Q2	8.12	8.54	14.85	7.25	7.63	1032	1074	1494	1599
1984Q3	8.84	9.65	19.92	9.73	10.58	286	284	227	208
1984Q4	8.02	8.34	23.07	10.62	11.07	2611	2310	2106	1893
1985Q1	7.84	8.09	16.74	8.13	8.39	3652	3507	3813	3593
1985Q2	8.48	8.98	14.73	7.08	7.49	1032	980	1488	1378
1985Q3	8.52	9.29	19.47	9.25	10.07	286	213	225	183
1985Q4	7.89	8.19	23.03	10.74	11.17	2611	2596	2101	2016
1986Q1	7.53	7.77	13.51	7.58	7.82	3652	3418	3803	3628
1986Q2	8.23	8.71	12.98	6.17	6.52	1032	906	1477	1290
1986Q3	9.34	10.06	11.94	11.61	12.50	286	359	229	304
1986Q4	7.01	7.22	10.74	10.20	10.51	2611	2566	2103	2137
1987Q1	6.50	6.67	12.66	6.17	6.33	3652	3528	3793	3613
1987Q2	6.58	6.86	13.53	5.06	5.28	1032	915	1471	1346
1987Q3	6.64	7.12	12.73	6.16	6.60	286	308	230	246
1987Q4	5.89	6.07	15.96	7.91	8.16	2611	2564	2103	2096
1988Q1	5.86	5.99	11.96	5.88	6.01	3652	3601	3781	3685
1988Q2	5.83	6.07	8.87	4.33	4.51	1032	1017	1465	1434
1988Q3	6.41	6.83	14.10	6.92	7.38	286	298	231	257
1988Q4	6.76	6.93	17.90	8.93	9.16	2611	2680	2108	2145
1989Q1	6.70	6.86	13.43	6.55	6.71	3652	3415	3773	3549
1989Q2	6.49	6.76	9.72	4.77	4.98	1032	1002	1458	1473
1989Q3	7.06	7.53	15.39	7.41	7.91	286	228	227	184
1989Q4	6.80	7.02	17.06	9.15	9.41	2614	2988	2118	2253
1990Q1	7.14	7.31	14.49	6.74	6.91	3642	3175	3748	3528
1990Q2	7.34	7.61	11.61	5.22	5.45	1032	1021	1460	1454
1990Q3	7.79	8.41	16.27	8.29	8.87	285	220	226	162
1990Q4	7.20	7.46	13.25	9.38	9.70	2629	2195	2108	1762
1991Q1	6.96	7.13	14.15	6.80	6.97	3620	3298	3717	3376
1991Q2	6.90	7.17	11.17	4.85	5.08	1030	761	1440	1179
1991Q3	7.39	7.96	13.20	8.12	8.69	282	264	225	174
1991Q4	7.09	7.32	13.54	9.45	9.62	2645	2408	2102	1919
1992Q1	6.88	7.03	13.87	6.74	6.89	3651	3479	3706	3552
1992Q2	7.36	7.61	11.79	5.11	5.33	1026	1078	1437	1568
1992Q3	6.68	9.33	19.19	9.67	10.33	280	288	223	232
1992Q4	9.35	9.39	11.71	9.95	10.01	2605	2682	2088	2189
1993Q1	6.86	6.86	6.65	6.89	6.89	3606	3711	3710	3775
1993Q2	3.74	3.76	4.36	3.74	3.76	1025	907	1434	1396
1993Q3	6.23	6.15	5.11	6.06	5.99	275	250	223	178
1993Q4	8.58	8.55	7.43	8.60	8.57	2605	2628	2093	2154
1994Q1	6.94	6.95	7.25	6.94	6.95	3606	4027	3734	4105
1994Q2	3.83	3.86	4.74	3.83	3.86	1025	956	1428	1442
1994Q3	5.78	5.73	5.13	5.74	5.70	275	265	221	185
1994Q4	6.74	6.76	7.91	6.75	6.77	2605	2237	2071	1813
1995Q1	6.57	6.57	6.64	6.59	6.59	3606	3265	3717	3348
1995Q2	3.87	3.90	4.81	3.87	3.89	1025	1052	1428	1476
1995Q3	5.51	5.49	1.95	5.32	5.30	275	280	217	175
1995Q4	8.73	8.71	7.39	8.76	8.73	2599	2613	2072	2093
1996Q1	6.74	6.75	7.17	6.74	6.75	3651	3634	3717	3741
1996Q2	3.93	3.96	4.80	3.93	3.96	1019	1037	1428	1552
1996Q3	5.02	5.02	4.96	5.02	5.01	282	198	217	140
1996Q4	8.90	8.87	7.57	8.88	8.86	2594	2553	2072	2120
1997Q1	7.05	7.05	7.32	7.05	7.06	3617	3440	3703	3418
1997Q2	4.10	4.13	5.00	4.11	4.13	1023	1166	1432	1667
1997Q3	5.79	5.78	5.62	5.78	5.77	275	214	210	165
1997Q4	8.57	8.61	13.73	8.55	8.60	2603	2556	2054	2077
1998Q1	7.36	7.40	13.12	7.36	7.40	3602	2981	3669	3115
1998Q2	5.95	6.02	3.19	5.95	6.02	1020	831	1448	1221
1998Q3	9.73	9.80	13.76	9.66	9.72	274	164	205	138
1998Q4	7.48	7.54	9.94	7.48	7.54	2603	2292	2053	1842
1999Q1	7.03	7.07	9.56	7.03	7.07	3504	3342	3617	3394
1999Q2	5.67	5.73	7.76	5.68	5.74	984	896	1429	1341
1999Q3	8.52	8.57	10.45	8.50	8.55	257	168	199	133
1999Q4	8.04	8.10	10.43	8.04	8.10	2528	2345	2033	1862
2000Q1	8.18	8.21	10.52	8.17	8.20	3495	3344	3599	3480
2000Q2	6.94	7.00	9.19	6.88	6.94	979	997	1428	1356
2000Q3	9.87	9.93	10.88	9.88	9.93	251	241	194	193
2000Q4	10.62	10.66	11.45	10.60	10.64	2529	2614	2033	2044
2001Q1	3.77	3.80	5.61	3.49	3.52	3480	3551	3588	3679
2001Q2	3.31	3.37	5.56	3.16	3.23	977	880	1422	1401
2001Q3	7.71	7.75	6.67	7.77	7.82	248	158	192	113
2001Q4	4.19	4.25	5.69	3.63	3.69	2513	2082	2018	1653
2002Q1	3.24	3.27	4.83	3.14	3.17	3481	3013	3584	3045
2002Q2	4.12	4.17	6.20	3.61	3.68	979	992	1428	1399
2002Q3	7.07	7.11	9.32	7.92	7.99	244	111	189	130
2002Q4	3.91	3.95	5.88	3.94	3.99	2485	2578	1994	2016
2003Q1	2.93	2.96	4.52	2.86	2.89	3432	3815	3533	3913
2003Q2	4.00	4.05	4.07	4.27	4.32	975	1072	1420	1540
2003Q3	7.69	7.73	8.53	7.70	7.74	236	111	183	102
2003Q4	3.75	3.80	6.26	4.12	4.17	2503	2371	2004	1852
2004Q1	3.00	3.02	4.52	2.86	2.89	3459	3718	3563	3809

Res Var Index Res Var Name	55 CHGH	56 CHGR	57 CHNN	58 CHNH	59 CHNR	60 CDDN	61 CDDA	62 BDDN	63 BDDA
	Company Charge to Residential Heating Customers	Company Charge to Residential Customers	Company charge (Normal)to Residential Non- Heating Customers	Company charge (Normal)to Residential Heating Customers	Company charge (Normal)to Residential Customers	Normal Callendar Degree Days	Actual Callendar Degree Days	Normal Billing Degree Days	Actual Billing Degree Days
Description	1984	1984	1984	1984	1984	1984	1984	1984	1984
Start Year	1984	1984	1984	1984	1984	1984	1984	1984	1984
Start Period	4	4	4	4	4	4	4	4	4
Period / Year	4	4	4	4	4	4	4	4	4
Period / Cycle	4	4	4	4	4	4	4	4	4
2004Q2	4.23	4.28	6.13	4.35	4.40	977	897	1425	1331
2004Q3	7.66	7.69	7.30	6.75	6.78	231	133	180	119
2004Q4	3.93	3.98	6.46	4.26	4.32	2493	2394	1997	1868
2005Q1	3.05	3.08	5.56	2.91	2.94	3463	3581	3567	3636
2005Q2	4.14	4.18	6.27	4.38	4.43	969	977	1412	1466
2005Q3	7.85	7.87	6.42	7.84	7.87	224	75	175	80
2005Q4	3.89	3.93	6.37	4.23	4.28	2497	2362	1995	1792
2006Q1						3464			
2006Q2						969			
2006Q3						224			
2006Q4						2497			
2007Q1						3464			
2007Q2						969			
2007Q3						224			
2007Q4						2497			
2008Q1						3464			
2008Q2						969			
2008Q3						224			
2008Q4						2497			
2009Q1						3464			
2009Q2						969			
2009Q3						224			
2009Q4						2497			
2010Q1						3464			
2010Q2						969			
2010Q3						224			
2010Q4						2497			
2011Q1						3464			
2011Q2						969			
2011Q3						224			
2011Q4						2497			
2012Q1						3464			
2012Q2						969			
2012Q3						224			
2012Q4						2497			
2013Q1						3464			
2013Q2						969			
2013Q3						224			
2013Q4						2497			
2014Q1						3464			
2014Q2						969			
2014Q3						224			
2014Q4						2497			
2015Q1						3464			
2015Q2						969			
2015Q3						224			
2015Q4						2497			
2016Q1						3464			
2016Q2						969			
2016Q3						224			
2016Q4						2497			
2017Q1						3464			
2017Q2						969			
2017Q3						224			
2017Q4						2497			
2018Q1						3464			
2018Q2						969			
2018Q3						224			
2018Q4						2497			
2019Q1						3464			
2019Q2						969			
2019Q3						224			
2019Q4						2497			
2020Q1						3464			
2020Q2						969			
2020Q3						224			
2020Q4						2497			

C&I Var Index C&I Var Name	1 CUSI	2 CUSC	3 CUSCI	4 USEC	5 USEI	6 USECI	7 USNC	8 USNI	9 USNCI
Description	ENGI: Number of Industrial Customers	ENGI: Number of Commercial Customers	ENGI: Number of C & I Customers	ENGI: Natural Gas Consumption per Commercial Customers	ENGI: Natural Gas Consumption per Industrial Customers	ENGI: Natural Gas Consumption per C & I Customers	ENGI: Natural Gas Consumption per Commercial Customers	ENGI: Natural Gas Consumption per Industrial Customers	ENGI: Natural Gas Consumption per C & I Customers
Start Year	1984	1984	1984	1984	1984	1984	1984	1984	1984
Start Period	4	4	4	4	4	4	4	4	4
Period / Year	4	4	4	4	4	4	4	4	4
Period / Cycle	4	4	4	4	4	4	4	4	4
1984Q1	4332	78	4410	275.10	341.38	276.28	280.93	341.38	282.01
1984Q2	4332	109	4441	126.10	140.52	126.45	121.66	140.52	122.13
1984Q3	4251	105	4356	58.31	120.65	59.81	58.35	120.65	59.85
1984Q4	4432	71	4503	141.16	311.06	143.85	151.18	311.06	153.71
1985Q1	4669	74	4743	258.11	338.32	259.36	270.57	338.32	271.63
1985Q2	4683	66	4750	108.80	228.13	110.46	113.92	228.13	115.51
1985Q3	4609	63	4672	51.54	168.06	53.11	51.99	168.06	53.55
1985Q4	4745	66	4811	133.56	244.91	135.08	136.18	244.91	137.67
1986Q1	4834	70	4904	260.10	428.39	262.50	270.44	428.39	272.70
1986Q2	4858	72	4929	106.09	231.86	107.92	114.99	231.86	116.69
1986Q3	4853	70	4924	49.71	189.00	51.70	48.95	189.00	50.95
1986Q4	4969	71	5040	158.95	582.13	164.91	157.57	582.13	163.55
1987Q1	5160	71	5232	281.58	957.67	290.80	292.95	957.67	302.02
1987Q2	5211	70	5282	115.16	410.30	119.09	120.83	410.30	124.69
1987Q3	5093	55	5148	56.35	208.99	57.99	56.93	208.99	58.55
1987Q4	5247	99	5346	152.99	1046.02	169.58	154.05	1046.02	170.62
1988Q1	5437	113	5550	286.72	1155.49	304.36	293.19	1155.49	310.70
1988Q2	5430	92	5522	130.27	771.41	140.96	131.95	771.41	142.61
1988Q3	5382	88	5470	52.42	501.64	59.64	52.05	501.64	59.28
1988Q4	5766	102	5868	159.76	949.10	173.53	158.63	949.10	172.41
1989Q1	5971	103	6074	274.70	1380.53	293.51	289.01	1380.53	307.58
1989Q2	6011	93	6104	122.37	861.09	133.63	120.85	861.09	132.13
1989Q3	5895	291	6186	46.89	263.99	57.10	47.69	263.99	57.87
1989Q4	6159	342	6501	148.34	598.78	172.01	139.25	598.78	163.40
1990Q1	6412	356	6768	215.50	961.85	254.76	226.31	1016.09	267.85
1990Q2	6366	325	6692	95.14	473.32	113.53	96.00	477.46	114.55
1990Q3	6197	314	6511	41.27	240.81	50.89	41.50	240.18	51.08
1990Q4	6379	339	6718	107.84	530.16	129.13	120.75	590.22	144.42
1991Q1	6610	350	6960	202.64	947.25	240.12	219.36	1019.62	259.64
1991Q2	6538	316	6854	83.93	470.18	101.72	93.53	511.62	112.78
1991Q3	6407	299	6706	39.62	286.29	50.60	39.82	299.17	51.37
1991Q4	6610	319	6929	110.94	617.60	134.25	117.73	650.54	142.23
1992Q1	6817	328	7145	218.22	1155.66	261.25	226.48	1195.89	270.98
1992Q2	6782	316	7098	101.36	651.85	125.87	96.22	622.37	119.64
1992Q3	6623	307	6930	42.48	334.74	55.42	42.45	336.41	55.48
1992Q4	6813	313	7125	121.56	759.26	149.54	118.21	739.86	145.49
1993Q1	6999	314	7313	231.74	1360.34	280.20	228.86	1342.10	276.66
1993Q2	6953	311	7264	97.24	677.76	122.10	97.61	681.44	122.61
1993Q3	6758	299	7058	43.51	399.99	58.63	42.46	407.70	57.95
1993Q4	7020	300	7320	118.49	909.93	150.96	116.81	896.17	148.79
1994Q1	7278	308	7586	255.53	1628.76	311.29	236.31	1522.10	288.52
1994Q2	7230	309	7539	99.80	757.87	126.77	99.33	755.39	126.22
1994Q3	7051	302	7353	42.23	457.65	59.27	42.85	463.05	60.09
1994Q4	7316	300	7616	104.06	718.86	136.82	113.91	759.85	149.15
1995Q1	7570	304	7874	211.20	1166.14	263.09	231.16	1270.18	287.06
1995Q2	7469	296	7765	95.31	527.62	122.42	93.67	520.89	120.49
1995Q3	7186	283	7469	40.07	287.57	57.83	39.01	284.63	56.83
1995Q4	7439	294	7733	124.62	700.26	162.07	121.93	686.62	158.91
1996Q1	7687	300	7987	233.66	1331.09	294.18	232.60	1325.88	292.90
1996Q2	7616	300	7916	98.37	657.62	133.67	93.49	637.46	127.98
1996Q3	7362	292	7654	39.35	433.42	66.22	39.95	440.08	67.23
1996Q4	7633	302	7935	141.18	853.00	186.14	139.17	844.55	183.75
1997Q1	7857	311	8168	243.89	1261.86	305.51	261.12	1338.91	325.27
1997Q2	7819	303	8122	118.86	727.75	160.77	108.63	678.25	149.25
1997Q3	7578	302	7880	44.23	342.24	76.88	44.38	332.54	77.46
1997Q4	7910	300	8210	142.51	726.77	200.69	141.71	723.06	199.62
1998Q1	8170	312	8482	227.96	959.98	300.37	260.64	1080.88	337.90
1998Q2	8077	314	8391	97.46	413.30	147.10	106.98	432.39	157.30
1998Q3	7837	295	8132	43.40	294.19	90.22	41.47	300.05	89.20
1998Q4	8145	306	8451	116.30	519.60	179.30	124.47	546.04	189.62
1999Q1	8438	316	8754	245.47	932.91	329.96	259.37	985.29	346.66
1999Q2	8359	313	8672	94.22	333.66	148.04	97.14	343.05	151.72
1999Q3	8095	303	8398	38.49	140.67	83.36	39.17	142.00	84.07
1999Q4	8384	315	8699	114.00	421.69	182.86	121.47	450.39	192.78
2000Q1	8624	318	8942	257.79	1015.78	348.57	264.85	1042.30	357.25
2000Q2	8561	313	8874	98.95	374.81	152.06	102.59	387.69	156.41
2000Q3	8318	304	8622	41.42	183.58	87.73	41.36	181.09	88.02
2000Q4	8433	311	8744	125.98	559.03	200.29	124.38	551.82	198.39
2001Q1	8760	318	9078	262.26	1057.22	359.31	257.34	1070.69	353.31
2001Q2	8111	1151	9270	94.85	596.28	178.02	92.58	625.94	178.76
2001Q3	7381	1469	8850	16.46	345.70	77.83	16.19	349.77	78.76
2001Q4	7615	1538	9153	47.10	688.38	171.19	53.73	766.81	192.26
2002Q1	7851	1562	9413	115.71	1143.54	303.29	133.32	1313.36	347.27
2002Q2	7823	1405	9228	50.71	782.84	195.64	51.54	782.07	194.35
2002Q3	7336	873	8209	18.82	443.92	90.97	18.21	519.11	113.99
2002Q4	7648	1890	9538	66.30	594.88	199.21	64.76	586.04	196.37
2003Q1	8079	1627	9706	158.10	1447.72	389.60	166.49	1516.21	407.99
2003Q2	8077	1620	9697	57.50	702.46	185.32	50.84	634.01	168.10
2003Q3	8172	1674	9846	17.74	281.72	85.69	17.77	281.47	86.67
2003Q4	7820	1605	9425	59.96	688.27	192.76	50.72	599.68	169.81
2004Q1	8488	1695	10183	154.31	1358.46	370.32	170.34	1493.92	406.35

C&I Var Index C&I Var Name	1 CUSI	2 CUSC	3 CUSCI	4 USEC	5 USEI	6 USECI	7 USNC	8 USNI	9 USNCI
Description	ENGI: Number of Industrial Customers	ENGI: Number of Commercial Customers	ENGI: Number of C & I Customers	ENGI: Natural Gas Consumption per Commercial Customers	ENGI: Natural Gas Consumption per Industrial Customers	ENGI: Natural Gas Consumption per C & I Customers	ENGI: Natural Gas Consumption per Commercial Customers	ENGI: Natural Gas Consumption per Industrial Customers	ENGI: Natural Gas Consumption per C & I Customers
Start Year	1984	1984	1984	1984	1984	1984	1984	1984	1984
Start Period	4	4	4	4	4	4	4	4	4
Period / Year	4	4	4	4	4	4	4	4	4
Period / Cycle	4	4	4	4	4	4	4	4	4
2004Q2	8231	1675	1022	51.45	593.24	164.43	48.57	572.60	158.55
2004Q3	8296	1722	1031	17.94	287.83	88.84	17.92	286.97	88.67
2004Q4	7880	1638	9530	57.32	630.03	178.58	49.41	556.39	159.21
2005Q1	8611	1736	10161	142.86	1260.74	347.40	159.10	1394.69	383.16
2005Q2	8466	1744	10220	53.67	626.24	171.87	49.27	584.41	161.01
2005Q3	8602	1803	10418	16.95	276.12	68.38	16.96	273.68	67.97
2005Q4	8190	1738	10039	58.42	640.60	160.16	50.23	574.98	141.94
2006Q1									
2006Q2									
2006Q3									
2006Q4									
2007Q1									
2007Q2									
2007Q3									
2007Q4									
2008Q1									
2008Q2									
2008Q3									
2008Q4									
2009Q1									
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2018Q1									
2018Q2									
2018Q3									
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2019Q1									
2019Q2									
2019Q3									
2019Q4									
2020Q1									
2020Q2									
2020Q3									
2020Q4									

C&I Var Index C&I Var Name	10 GASC	11 GASI	12 GASCI	13 GSNC	14 GSNI	15 GSNCI	16 CPI	17 GSP	18 RGSP	19 POP
	ENGI: Natural Gas Consumption of C & I Customers	ENGI: Natural Gas Consumption of Commercial Customers	ENGI: Natural Gas Consumption of Industrial Customers	ENGI: Natural Gas Consumption of C & I Customers	ENGI: Normal Natural Gas Consumption of Customers	ENGI: Normal Natural Gas Consumption of Industrial Customers	Consumer Price Index	Gross State Product— Aggregate	Real Gross State Product— Aggregate	Total Population
Description	1984	1984	1984	1984	1984	1984	1984	1984	1984	1984
Start Year	1984	1984	1984	1984	1984	1984	1984	1984	1984	1984
Start Period	4	4	4	4	4	4	4	4	4	4
Period / Year	4	4	4	4	4	4	4	4	4	4
Period / Cycle	4	4	4	4	4	4	4	4	4	4
1984Q1	1191738	26741	1219479	1217009	26741	1243750	102.4745	13921.42	0.00	972.1467
1984Q2	546257	15316	561574	527048	15316	542364	102.8074	14488.95	0.00	976.8630
1984Q3	247883	12668	260552	248044	12668	260713	103.8268	14945.54	0.00	981.7980
1984Q4	825613	22189	847801	670031	22189	692220	104.6483	15355.14	0.00	986.7579
1985Q1	1205009	25148	1230157	1263182	25148	1288331	106.6530	15862.32	0.00	991.7429
1985Q2	509528	15133	524661	533513	15133	548646	108.1891	16297.67	0.00	996.7530
1985Q3	237564	10588	248152	239603	10588	250191	108.6814	16826.34	0.00	1003.7541
1985Q4	633791	16682	650473	646237	16682	662320	111.5703	17266.39	0.00	1010.8045
1986Q1	1257217	29987	1287204	1307228	29987	1337216	110.2958	17768.96	0.00	1017.9043
1986Q2	515339	16617	532056	558572	16617	575189	110.3331	18166.74	0.00	1025.0540
1986Q3	241240	13293	254533	237567	13293	250860	110.1529	18679.03	0.00	1032.2859
1986Q4	789816	41331	831147	782957	41331	824288	112.1824	19124.66	0.00	1039.5687
1987Q1	1453030	68314	1521344	1511736	68314	1580050	113.3266	19950.39	0.00	1046.9030
1987Q2	600112	28858	629170	629702	28858	658560	114.8597	20665.86	0.00	1054.2890
1987Q3	287015	11495	298510	289941	11495	301436	115.6120	21389.43	0.00	1061.2907
1987Q4	802693	103964	906597	808251	103904	912155	119.0104	22299.88	0.00	1068.3389
1988Q1	1559007	130185	1689192	1594184	130185	1724369	120.4813	21929.23	0.00	1075.4339
1988Q2	707388	70970	778358	716495	70970	787465	123.1453	22384.90	0.00	1082.5760
1988Q3	282133	44145	326278	280135	44145	324279	126.0685	22720.70	0.00	1088.0215
1988Q4	921124	97124	1018248	914606	97124	1011730	127.4170	23159.34	0.00	1093.4944
1989Q1	1640218	142654	1782872	1725703	142654	1868358	130.2364	23269.59	0.00	1098.9949
1989Q2	735553	80081	815634	726367	80081	806449	132.7346	23470.38	0.00	1104.5230
1989Q3	276422	76820	353242	281144	76820	357964	133.9616	23632.57	0.00	1106.4830
1989Q4	913605	204583	1118188	857648	204583	1062231	137.8583	23688.24	0.00	1108.4465
1990Q1	1381852	342418	1724270	1451195	361727	1812922	140.0640	23656.06	26630.39	1110.4135
1990Q2	605700	153967	759667	611191	155333	766524	139.7930	23659.55	26368.37	1112.3840
1990Q3	255770	75613	331383	257210	75418	332628	144.3361	23543.96	26043.09	1111.7697
1990Q4	687937	179549	867486	770294	199887	970181	148.0301	23223.97	25524.58	1111.1558
1991Q1	1339476	331855	1671333	1449951	357208	1807159	150.5876	23965.03	26038.07	1110.5422
1991Q2	548767	148420	697187	611474	161501	772794	150.4335	24344.52	26272.06	1109.9290
1991Q3	253816	85505	339321	255110	89353	344463	151.6294	24704.17	26464.20	1111.8876
1991Q4	733334	196808	930142	778185	207306	985491	153.2984	25018.77	26654.04	1113.8496
1992Q1	1487608	379058	1866666	1543929	392253	1936182	154.3808	25603.19	27160.75	1115.8151
1992Q2	687457	205984	893441	652603	196669	849272	155.4624	26111.44	27558.88	1117.7840
1992Q3	281343	102766	384109	281184	103279	384463	157.8577	26604.95	27964.59	1120.6911
1992Q4	828131	237395	1065526	805308	231331	1036639	158.2196	27154.68	28407.33	1123.6058
1993Q1	1621860	427148	2048608	1601719	421420	2023138	160.6911	27139.14	28208.94	1126.5281
1993Q2	676104	210784	887888	678665	211928	890594	160.1714	27398.99	28339.71	1129.4580
1993Q3	294038	119732	414770	286943	122038	408981	160.6923	27630.37	28473.16	1132.7193
1993Q4	831773	273244	1105017	819958	269149	1089107	162.9581	28122.86	28844.20	1135.9901
1994Q1	1859688	501659	2361347	1719776	468806	2188582	163.4125	28674.11	29317.26	1139.2703
1994Q2	721573	234161	955734	718190	233414	951604	163.9126	29194.20	29766.03	1142.5600
1994Q3	297768	138057	435825	302151	139687	441837	166.0462	29668.52	29998.40	1146.2919
1994Q4	761272	215420	1043444	833299	227703	1137371	166.1299	30078.28	30414.97	1150.0360
1995Q1	1598838	354857	2073695	1749939	386557	2265184	167.8976	30993.61	31293.57	1153.7924
1995Q2	711852	156176	957028	699603	154185	937901	168.3523	31447.27	31720.02	1157.5610
1995Q3	287931	81364	431199	280326	80551	425615	169.4686	32135.41	32347.28	1161.8269
1995Q4	926984	205875	1256859	906982	201867	1231694	171.4913	32807.00	32950.78	1166.1084
1996Q1	1796226	399770	2396000	1788084	398205	2345126	173.4123	33289.26	33477.73	1170.4058
1996Q2	749128	197063	1067899	711952	191027	1016222	174.7597	34177.21	34385.26	1174.7190
1996Q3	289711	126764	506592	294095	128649	516341	175.1595	34749.62	35028.78	1178.3784
1996Q4	1077657	257890	1485547	1062287	255336	1463374	178.6147	35539.30	35791.40	1182.0491
1997Q1	1916186	392439	2508625	2051539	416402	2667570	179.6608	35727.37	35762.99	1185.7313
1997Q2	929400	223903	1311303	849414	208675	1218346	179.9009	36330.66	36401.55	1189.4250
1997Q3	335123	103356	60185	336261	100427	613572	180.6567	36911.49	36949.04	1193.5324
1997Q4	1127190	217788	165942	1120879	216678	1648536	181.4077	37306.48	37314.42	1197.6540
1998Q1	1862497	299834	256136	2129478	337595	2885792	183.5020	38110.50	38412.85	1201.7899
1998Q2	787188	129639	124146	864127	135627	1329343	184.4057	38569.93	39011.29	1205.9400
1998Q3	340074	87039	73907	324981	88816	730965	183.5080	39298.06	39801.89	1209.9386
1998Q4	947205	159172	152104	1013731	167270	1615225	185.8773	40173.52	40745.97	1213.9504
1999Q1	2071379	294418	2911337	2188687	311022	3062754	186.5375	39687.58	40198.40	1217.9755
1999Q2	787572	104547	129168	811953	107490	1328782	188.2712	39929.80	40377.99	1222.0140
1999Q3	311611	42623	70186	317095	43025	713371	188.3838	40311.35	40697.59	1226.6047
1999Q4	955724	132974	166115	1018365	142022	1694881	192.1140	40979.27	41270.02	1231.1953
2000Q1	2223101	323356	314162	2284015	331799	3228110	195.0051	42370.03	42496.59	1235.7860
2000Q2	847122	117190	136163	878348	121216	1402712	196.2250	43480.92	43538.29	1240.5540
2000Q3	344554	55808	76166	344011	55052	767041	198.9644	43908.45	43855.41	1245.0277
2000Q4	1062358	173857	176186	1048874	171616	1752792	201.2379	44564.59	44445.70	1249.5176
2001Q1	2297297	336539	326193	2254173	340838	2027369	204.1178	44057.51	43706.81	1254.0237
2001Q2	769362	686511	165177	750964	720669	1657025	206.0262	44439.53	43785.77	1258.5460
2001Q3	121522	507712	68192	119467	513688	697953	206.1879	44377.93	43577.22	1262.5568
2001Q4	358651	1058958	156101	409164	1179613	1761386	206.7880	44689.03	43694.20	1266.5804
2002Q1	908433	1786590	285138	1046733	2051909	3272633	207.7972	45409.13	44126.53	1270.6167
2002Q2	396685	1099813	180181	403191	1099811	1795819	208.9996	45887.07	44388.04	1274.6660
2002Q3	138077	387617	74105	133585	453353	936134	210.0053	46398.15	44670.85	1277.8858
2002Q4	507081	112457	190100	495274	1107812	1874000	213.5279	46745.66	44714.58	1281.1137
2003Q1	1277318	2354713	378179	1345115	2466194	3965185	215.4818	47123.45	44991.97	1284.3498
2003Q2	464408	1138193	179105	410592	1027287	1632221	216.6297	47656.52	45448.36	1287.5940
2003Q3	144987	471512	85194	145260	471171	854547	218.0900	48695.54	46299.44	1290.4780
2003Q4	468892	1104715	181199	396636	962525	1602778	221.2831	49320.49	46756.23	1293.3686
2004Q1	1309799	230383	377172	1445930	2533581	4143849	222.9654	50514.76	47506.08	1296.2655

C&I Var Index C&I Var Name	10 GASC	11 GASI	12 GASCI	13 GSNC	14 GSNI	15 GSNCI	16 CPI	17 GSP	18 RGSP	19 POP
Description	ENGI: Natural Gas Consumption of C & I Customers	ENGI: Natural Gas Consumption of Commercial Customers	ENGI: Natural Gas Consumption of Industrial Customers	ENGI: Natural Gas Consumption of C & I Customers	ENGI: Normal Natural Gas Consumption of Commercial Customers	ENGI: Normal Natural Gas Consumption of Industrial Customers	Consumer Price Index	Gross State Product--Aggregate	Real Gross State Product--Aggregate	Total Population
Start Year	1984	1984	84	1984	1984	1984	1984	1984	1984	1984
Start Period	4	4	4	4	4	4	4	4	4	4
Period / Year	4	4	4	4	4	4	4	4	4	4
Period / Cycle	4	4	4	4	4	4	4	4	4	4
2004Q2	423536	993560	163400	399819	958929	1573135	225.8373	51525.29	48053.73	1299.1690
2004Q3	148840	495655	89172	148664	494174	889515	225.0902	52286.95	48660.33	1301.8534
2004Q4	451682	1031963	170429	389334	911340	1517194	227.8726	53153.00	49190.69	1304.5434
2005Q1	1230242	2188883	359849	1370077	2421452	3969780	229.1702	54039.51	49651.03	1307.2389
2005Q2	454406	1092152	175465	417098	1019195	1645482	233.4505	54774.72	50023.85	1309.9400
2005Q3	145812	497814	71283	145910	493423	708090	236.8629	55720.46	50494.77	1312.7878
2005Q4	478401	1113493	159194	411375	999434	1410809	237.9245	56310.66	50616.27	1315.7833
2006Q1							239.3080	57628.09	51387.60	1318.9273
2006Q2							240.4924	58496.71	51893.18	1322.2208
2006Q3							240.9599	59177.66	52269.32	1325.6648
2006Q4							241.9080	59832.92	52592.77	1329.1158
2007Q1							242.9320	60473.02	52888.57	1332.5735
2007Q2							243.8489	61103.39	53245.86	1336.0384
2007Q3							244.9061	61789.96	53646.33	1339.5648
2007Q4							246.1188	62563.78	54094.72	1343.0988
2008Q1							247.4104	63411.33	54540.22	1346.6398
2008Q2							248.4899	64281.08	55051.28	1350.1886
2008Q3							249.6398	65124.93	55534.69	1353.7831
2008Q4							250.7177	66026.64	56073.11	1357.3854
2009Q1							251.8801	66949.77	56560.55	1360.9951
2009Q2							252.9048	67853.68	57068.00	1364.6129
2009Q3							253.9322	68680.18	57524.68	1368.2252
2009Q4							254.9778	69530.31	58005.99	1371.8453
2010Q1							256.2329	70398.21	58441.16	1375.4734
2010Q2							257.3748	71296.48	58935.54	1379.1090
2010Q3							258.5414	72102.80	59351.66	1382.5753
2010Q4							259.7872	72968.46	59805.39	1386.0482
2011Q1							261.0562	73887.63	60260.22	1389.5285
2011Q2							262.3007	74748.54	60700.16	1393.0150
2011Q3							263.6250	75561.69	61093.31	1396.3656
2011Q4							264.9472	76445.39	61539.10	1399.7216
2012Q1							266.2575	77349.46	61965.71	1403.0838
2012Q2							267.6442	78238.77	62402.78	1406.4543
2012Q3							269.0481	79067.33	62794.61	1409.8062
2012Q4							270.4765	79978.00	63246.70	1413.1664
2013Q1							271.9462	80937.50	63697.04	1416.5355
2013Q2							273.3923	81870.22	64156.56	1419.9125
2013Q3							274.8083	82777.18	64605.26	1423.1885
2013Q4							276.2041	83719.07	65082.96	1426.4717
2014Q1							277.6452	84748.46	65583.05	1429.7629
2014Q2							279.1098	85740.10	66077.86	1433.0612
2014Q3							280.5180	86676.81	66537.63	1436.1951
2014Q4							281.9092	87677.07	67045.74	1439.3351
2015Q1							283.3054	88759.57	67573.20	1442.4819
2015Q2							284.7407	89820.44	68109.96	1445.6344
2015Q3							286.1709	90840.91	68613.88	1448.7855
2015Q4							287.5193	91925.26	69167.66	1451.9425
2016Q1							288.9131	93094.04	69741.90	1455.1059
2016Q2							290.3538	94183.99	70279.08	1458.2748
2016Q3							291.7824	95209.67	70765.67	1461.4132
2016Q4							293.2204	96347.15	71328.18	1464.5570
2017Q1							294.7927	97577.23	71883.85	1467.7070
2017Q2							296.3936	98771.34	72431.16	1470.8620
2017Q3							298.0099	99952.90	72962.00	1474.0546
2017Q4							299.6334	101228.97	73553.67	1477.2527
2018Q1							301.2300	102544.75	74137.85	1480.4568
2018Q2							302.8437	103812.71	74710.92	1483.6662
2018Q3							304.5028	105011.95	75226.78	1486.8267
2018Q4							306.1980	106337.05	75819.98	1489.9923
2019Q1							307.9166	107701.61	76401.10	1493.1636
2019Q2							309.6486	109026.16	76979.91	1496.3399
2019Q3							311.3747	110320.35	77535.48	1499.3467
2019Q4							313.1011	111705.45	78148.19	1502.3577
2020Q1							314.7843	113128.86	78751.32	1505.3735
2020Q2							316.4997	114484.48	79332.55	1508.3934
2020Q3							318.2606	115799.04	79877.87	1511.1360
2020Q4							320.0713	117225.16	80484.06	1513.8815

C&I Var Index C&I Var Name	20 NMIG	21 EMP	22 RUEM	23 UEMP	24 REMP	25 LBFC	26 HH	27 HSTM	28 HSTS	
		Employment, Total Non- Agriculture, By Place of Work		Unemployment Rate	Number Unemployed	Resident Employment	Total Labor Force	Households, Family and Non- Family	Housing Starts, Private Multi- Family	Housing Starts, Private Single Family
Description	Net Migration	NAICS	1984	1984	1984	1984	1984	1984	1984	1984
Start Year	1984	1984	1984	1984	1984	1984	1984	1984	1984	1984
Start Period	4	4	4	4	4	4	4	4	4	4
Period / Year	4	4	4	4	4	4	4	4	4	4
Period / Cycle	4	4	4	4	4	4	4	4	4	4
1984Q1	3.2128	431.133	4.4202	22.721	491.349	514.070	349.280	2.1292	8.8378	
1984Q2	3.1899	437.033	4.1174	21.879	499.383	521.262	352.174	2.5016	7.9622	
1984Q3	3.3623	446.233	4.1174	22.402	506.253	528.655	354.876	2.9057	7.6684	
1984Q4	3.3406	451.767	4.1161	23.367	511.805	535.171	357.498	3.1713	9.4995	
1985Q1	3.2663	456.667	4.1102	22.979	516.414	539.392	360.025	4.4760	9.7410	
1985Q2	3.2758	463.833	3.9138	21.179	521.361	542.540	362.811	7.0559	10.5343	
1985Q3	5.2509	467.833	3.9116	19.452	526.742	546.194	365.730	5.2348	9.0169	
1985Q4	5.2781	475.933	3.9135	18.201	532.784	550.986	368.765	5.2586	11.1747	
1986Q1	5.4013	481.967	3.9138	17.267	539.068	556.335	371.366	5.6555	15.5154	
1986Q2	5.3651	487.833	2.9135	15.405	545.121	560.526	374.578	4.7611	13.7531	
1986Q3	5.3598	493.733	2.9145	12.245	550.922	563.167	377.826	4.7317	13.5674	
1986Q4	5.3281	496.800	2.9135	11.729	556.562	568.290	381.063	4.7788	13.0298	
1987Q1	5.1922	504.767	2.9123	12.192	562.297	574.489	384.542	3.0920	11.8098	
1987Q2	5.2317	510.500	2.9140	12.144	567.603	579.746	387.626	2.9730	12.3730	
1987Q3	4.8348	516.900	2.9117	14.080	572.163	586.243	390.622	2.7792	11.6998	
1987Q4	4.8798	519.067	2.9108	14.590	575.931	590.521	393.547	2.7015	11.1964	
1988Q1	5.0112	524.533	2.9121	13.525	579.149	592.674	397.063	5.8205	12.5773	
1988Q2	5.0052	527.533	2.9112	14.071	581.863	595.935	399.687	3.5906	8.2599	
1988Q3	3.2550	530.233	2.9102	15.536	584.257	599.793	401.684	3.5902	7.7653	
1988Q4	3.2342	533.467	2.9193	15.519	586.159	601.678	403.691	2.5428	7.0208	
1989Q1	3.1436	534.933	2.9192	16.223	587.047	603.270	405.708	2.3825	6.4051	
1989Q2	3.1739	530.767	3.9105	19.609	587.316	606.925	407.735	1.2000	6.0648	
1989Q3	-0.3916	527.433	3.8141	23.432	587.666	611.098	408.445	1.5959	5.5336	
1989Q4	-0.3728	522.933	4.9136	26.778	588.260	615.038	409.157	1.2440	4.9087	
1990Q1	-0.4108	518.867	4.9102	30.203	588.660	618.863	409.869	0.5941	5.1058	
1990Q2	-0.3454	511.400	5.4144	33.799	587.330	621.129	409.349	0.6864	3.7655	
1990Q3	-2.8683	506.033	5.8172	36.421	584.345	620.766	409.912	0.4788	3.3691	
1990Q4	-2.7920	496.500	6.8132	39.598	579.794	619.392	411.021	1.0181	3.6860	
1991Q1	-2.6535	486.897	6.8130	42.651	574.337	616.988	412.780	0.2551	2.9906	
1991Q2	-2.6175	480.200	7.1156	44.721	569.953	614.674	413.897	0.1743	3.9135	
1991Q3	-0.0102	479.067	7.1185	45.605	567.494	613.099	415.202	0.1178	3.5952	
1991Q4	0.0241	482.467	7.1100	46.346	566.701	613.047	416.406	0.1132	3.9180	
1992Q1	-0.0411	482.900	7.1144	47.045	566.773	613.818	417.868	0.2490	3.6335	
1992Q2	0.0572	486.900	7.1194	47.403	567.711	615.114	419.069	0.1175	3.9003	
1992Q3	1.0902	486.633	7.1105	46.695	569.288	615.983	420.365	0.3425	3.7764	
1992Q4	1.1912	491.733	7.1171	45.813	571.865	617.679	421.292	0.2556	4.4427	
1993Q1	1.3920	495.633	7.1176	43.918	574.852	618.770	421.758	0.1424	3.9187	
1993Q2	1.4262	500.333	6.8111	39.941	578.231	618.172	422.684	0.8232	3.8781	
1993Q3	1.7841	506.033	6.8197	37.516	581.900	619.416	423.875	0.3148	4.0073	
1993Q4	1.8193	507.933	5.8166	35.306	585.565	620.871	425.159	0.2592	4.0997	
1994Q1	1.9206	515.067	5.8107	32.667	589.490	622.158	426.248	0.2220	3.6871	
1994Q2	1.9108	520.300	4.8119	30.322	593.357	623.679	427.532	0.2967	4.4166	
1994Q3	2.3340	526.300	4.8173	28.243	596.969	625.211	429.467	0.3385	4.2278	
1994Q4	2.3267	530.700	4.8114	27.292	599.923	627.216	431.694	0.4779	4.3981	
1995Q1	2.1944	534.067	4.8196	26.666	602.287	628.954	434.276	0.4772	4.4029	
1995Q2	2.2706	537.800	3.8137	25.183	604.613	629.796	436.506	0.3124	4.0999	
1995Q3	2.8316	540.500	3.8190	24.887	607.088	631.975	438.955	0.2190	4.0936	
1995Q4	2.9106	546.800	3.8189	23.748	609.728	633.477	441.345	0.0769	3.6331	
1996Q1	3.0975	548.633	3.8154	24.158	612.341	636.499	443.615	0.3561	4.1762	
1996Q2	3.1044	551.833	3.8110	24.184	615.437	639.621	446.005	0.2019	4.4237	
1996Q3	2.4418	555.500	3.8101	23.791	619.194	642.985	447.872	0.4548	4.5250	
1996Q4	2.4455	559.833	3.8183	22.336	623.545	645.881	449.800	0.7867	4.3943	
1997Q1	2.4036	562.233	3.8192	20.299	628.423	648.722	451.679	0.5542	4.6566	
1997Q2	2.4394	567.733	3.8196	20.895	633.369	654.264	453.607	0.6981	4.3494	
1997Q3	2.8768	573.267	3.8188	20.878	637.990	658.868	455.434	0.5849	4.9123	
1997Q4	2.9137	577.933	3.8134	20.428	642.094	662.522	457.372	0.8682	4.8194	
1998Q1	2.9789	584.200	2.8198	19.561	645.830	665.391	459.396	0.3505	5.5377	
1998Q2	2.9942	586.933	2.8142	19.148	649.374	668.521	461.334	0.4468	5.1800	
1998Q3	2.8441	590.000	2.8100	18.535	652.993	671.527	463.245	0.2030	5.2661	
1998Q4	2.8596	595.267	2.8196	19.828	656.972	676.799	465.182	0.2702	5.3408	
1999Q1	2.9168	599.700	2.8145	19.634	661.044	680.678	467.234	0.4400	5.8090	
1999Q2	2.9062	604.200	2.8133	18.889	664.664	683.553	469.171	0.2568	5.8087	
1999Q3	3.4343	607.833	2.8134	18.076	667.814	685.890	470.976	0.5577	5.9380	
1999Q4	3.4098	611.500	2.8198	18.753	670.740	689.493	472.774	0.2146	5.5910	
2000Q1	3.3027	616.233	2.8116	18.585	671.911	690.496	474.565	0.4224	5.9264	
2000Q2	3.5079	621.433	2.8192	19.059	674.437	693.496	476.363	0.3996	5.3120	
2000Q3	3.2415	622.967	2.8111	18.630	676.750	695.379	477.992	0.4658	5.6236	
2000Q4	3.2795	627.467	2.8129	18.578	679.066	697.644	479.553	0.4243	6.8586	
2001Q1	3.3426	633.200	2.8111	20.319	680.784	701.103	481.046	0.4003	5.8335	
2001Q2	3.3627	630.000	3.8197	22.383	681.092	703.475	482.470	0.6426	5.2956	
2001Q3	2.6547	624.433	3.8117	26.017	680.610	706.627	483.857	0.1996	6.6405	
2001Q4	2.8762	620.917	3.8149	28.089	680.335	708.424	485.175	0.9473	5.1642	
2002Q1	2.9027	619.433	4.8198	30.560	680.646	711.206	486.389	1.2940	7.1926	
2002Q2	2.9244	618.300	4.8134	32.525	681.303	713.828	488.640	0.9583	4.1520	
2002Q3	2.1038	616.900	4.8172	33.245	682.128	715.373	490.740	2.1502	6.5708	
2002Q4	2.1271	616.633	4.8141	33.487	682.951	716.438	492.749	1.3244	5.8408	
2003Q1	2.0976	614.667	4.8192	32.143	683.870	716.013	494.475	1.2568	5.8813	
2003Q2	2.0925	615.033	4.8131	32.030	685.313	717.343	495.445	1.2891	6.3898	
2003Q3	1.7191	619.833	4.8108	32.318	687.322	719.640	496.398	1.9909	6.5460	
2003Q4	1.7105	621.633	4.8102	31.206	689.459	720.665	497.411	1.7597	6.1316	
2004Q1	1.7340	622.367	4.8145	29.882	691.815	721.697	498.449	1.8759	6.2436	

C&I Var Index	20	21	22	23	24	25	26	27	28	
C&I Var Name	NMIG	EMP	RUEM	UEMP	REMP	LBFC	HH	HSTM	HSTS	
		Employment, Total Non-Agriculture, By Place of Work		Unemployment Rate	Number Unemployed	Resident Employment	Total Labor Force	Households, Family and Non-Family	Housing Starts, Private Multi-Family	Housing Starts, Private Single Family
Description	Net Migration	NAICS	Rate							
Start Year	1984	1984	1984	1984	1984	1984	1984	1984	1984	1984
Start Period	4	4	4	4	4	4	4	4	4	4
Period / Year	4	4	4	4	4	4	4	4	4	4
Period / Cycle	4	4	4	4	4	4	4	4	4	4
2004Q2	1.7255	626.667	3.731	28.665	694.632	723.297	499.832	1.2098	6.8606	
2004Q3	1.4914	629.300	3.772	27.152	697.450	724.603	501.221	1.3036	6.5131	
2004Q4	1.4822	630.767	3.769	26.046	700.105	726.151	502.678	1.2428	7.5724	
2005Q1	1.4944	633.100	3.759	26.964	702.581	729.544	504.199	0.9884	6.7195	
2005Q2	1.5065	635.000	3.700	26.398	704.848	731.246	509.654	1.3283	6.3177	
2005Q3	1.6627	636.590	3.743	26.576	706.709	733.285	510.868	0.6629	7.3404	
2005Q4	1.8215	636.133	3.761	25.958	708.112	734.069	512.470	1.0173	5.8483	
2006Q1	1.9812	640.561	3.743	24.982	711.032	736.015	514.140	1.0361	5.6963	
2006Q2	2.1418	643.181	3.714	25.105	712.977	738.082	516.071	0.8549	5.2100	
2006Q3	2.3037	645.799	3.734	25.190	714.950	740.140	518.038	0.8342	5.0309	
2006Q4	2.3218	647.468	3.731	25.257	716.915	742.172	519.907	0.8996	4.9675	
2007Q1	2.3398	649.597	3.716	25.313	718.847	744.160	521.751	0.9016	4.9417	
2007Q2	2.3581	651.647	3.712	25.380	720.814	746.184	523.633	0.9269	4.9139	
2007Q3	2.4310	653.560	3.709	25.447	722.809	748.256	525.532	0.9523	4.9027	
2007Q4	2.4497	655.744	3.706	25.516	724.814	750.330	527.483	0.9696	4.9097	
2008Q1	2.4684	658.186	3.709	25.581	726.834	752.415	529.462	0.9775	4.8897	
2008Q2	2.4874	660.449	3.706	25.644	728.911	754.555	531.399	0.9600	4.8799	
2008Q3	2.5446	662.605	3.708	25.703	730.991	756.694	533.349	0.9675	4.8711	
2008Q4	2.5639	664.959	3.702	25.763	733.058	758.821	535.312	0.9712	4.8671	
2009Q1	2.5832	666.664	3.703	25.821	735.136	760.957	537.306	0.9668	4.8189	
2009Q2	2.6027	668.462	3.704	25.881	737.245	763.126	539.283	0.9554	4.8081	
2009Q3	2.6088	669.960	3.703	25.938	739.335	765.273	541.239	0.9518	4.8185	
2009Q4	2.6284	671.480	3.703	25.995	741.419	767.414	543.206	0.9459	4.8554	
2010Q1	2.6480	672.560	3.701	26.050	743.492	769.542	545.176	0.9249	4.8329	
2010Q2	2.6678	673.591	3.700	26.106	745.573	771.678	547.096	0.9114	4.8663	
2010Q3	2.5102	674.170	3.706	26.156	747.554	773.710	548.924	0.9199	4.8990	
2010Q4	2.5293	674.935	3.704	26.208	749.532	775.740	550.778	0.9091	4.9244	
2011Q1	2.5484	675.765	3.704	26.260	751.510	777.770	552.655	0.9063	4.9410	
2011Q2	2.5677	676.557	3.704	26.314	753.510	779.824	554.458	0.9138	4.9450	
2011Q3	2.4446	676.999	3.715	26.358	755.431	781.789	556.168	0.9184	4.9376	
2011Q4	2.4634	677.645	3.712	26.398	757.352	783.750	557.894	0.9023	4.9283	
2012Q1	2.4922	678.126	3.713	26.434	759.285	785.719	559.622	0.8977	4.9116	
2012Q2	2.5046	678.789	3.717	26.464	761.227	787.691	561.331	0.8939	4.8937	
2012Q3	2.5001	679.162	3.712	26.486	763.165	789.652	562.999	0.8905	4.8797	
2012Q4	2.5226	679.753	3.715	26.507	765.097	791.604	564.691	0.8837	4.8779	
2013Q1	2.5452	680.174	3.716	26.526	767.046	793.571	566.358	0.8830	4.8814	
2013Q2	2.5681	680.703	3.713	26.542	769.015	795.557	568.038	0.8728	4.8803	
2013Q3	2.4816	681.280	3.719	26.555	770.916	797.471	569.658	0.8736	4.8854	
2013Q4	2.5041	681.874	3.715	26.567	772.815	799.382	571.279	0.8739	4.9000	
2014Q1	2.5266	682.314	3.710	26.580	774.730	801.309	572.888	0.8732	4.9187	
2014Q2	2.5494	682.919	3.715	26.592	776.668	803.260	574.548	0.8593	4.9302	
2014Q3	2.4064	683.530	3.719	26.600	778.506	805.107	576.123	0.8628	4.9386	
2014Q4	2.4224	684.185	3.714	26.608	780.335	806.943	577.724	0.8634	4.9618	
2015Q1	2.4446	684.694	3.719	26.616	782.178	808.794	579.359	0.8659	4.9911	
2015Q2	2.4669	685.462	3.713	26.625	784.049	810.674	581.015	0.8797	5.0203	
2015Q3	2.4821	686.226	3.718	26.633	785.906	812.540	582.647	0.8852	5.0512	
2015Q4	2.5047	687.141	3.715	26.643	787.770	814.413	584.290	0.8882	5.0748	
2016Q1	2.5274	688.063	3.713	26.654	789.631	816.285	585.968	0.8980	5.0844	
2016Q2	2.5502	688.967	3.712	26.667	791.522	818.189	587.675	0.9076	5.0827	
2016Q3	2.5370	689.624	3.712	26.678	793.381	820.059	589.384	0.9143	5.0786	
2016Q4	2.5599	690.625	3.714	26.692	795.239	821.930	591.072	0.9128	5.0814	
2017Q1	2.5830	691.877	3.719	26.708	797.114	823.822	592.745	0.9200	5.0818	
2017Q2	2.6061	693.210	3.719	26.729	799.031	825.761	594.420	0.9329	5.0756	
2017Q3	2.6620	694.759	3.723	26.754	800.952	827.707	596.115	0.9470	5.0701	
2017Q4	2.6856	696.335	3.718	26.781	802.857	829.639	597.812	0.9562	5.0726	
2018Q1	2.7095	697.966	3.712	26.812	804.778	831.590	599.492	0.9698	5.0738	
2018Q2	2.7335	699.599	3.714	26.844	806.715	833.559	601.178	0.9821	5.0697	
2018Q3	2.7031	700.944	3.716	26.875	808.629	835.504	602.847	0.9884	5.0666	
2018Q4	2.7270	702.704	3.710	26.907	810.519	837.425	604.516	0.9763	5.0682	
2019Q1	2.7512	704.317	3.715	26.940	812.435	839.375	606.164	0.9868	5.0671	
2019Q2	2.7754	706.012	3.711	26.974	814.333	841.333	607.814	0.9913	5.0625	
2019Q3	2.6247	707.713	3.717	27.004	816.179	843.184	609.401	1.0026	5.0605	
2019Q4	2.6483	709.431	3.712	27.035	818.015	845.051	610.988	1.0091	5.0601	
2020Q1	2.6721	711.050	3.717	27.065	819.850	846.914	612.588	1.0088	5.0533	
2020Q2	2.6959	712.561	3.718	27.092	821.709	848.801	614.182	1.0138	5.0485	
2020Q3	2.4374	713.994	3.712	27.116	823.592	850.508	615.654	1.0073	5.0475	
2020Q4	2.4661	715.347	3.718	27.141	825.056	852.197	617.127	0.9950	5.0421	

C&I Var Index	29	30	31	32	33	34	35	36	37
C&I Var Name	HSTT	HSOLD	HINC	PCI	RPCI	PINC	RPINC	RPIR	RPTR
Description	Housing Starts, Total Private	Home Sales, Existing Single- family units	Average Household Income	Per Capita Personal Income – By Place of Residence		Personal Income, Total, By Place of Residence	Real Personal Income, Total	Real Income, Residence Adjustment	Real Nonfarm Proprietors Income
				1984	1984				
Start Year	1984	1984	1984	1984	1984	1984	1984	1984	1984
Start Period	4	4	4	4	4	4	4	4	4
Period / Year	4	4	4	4	4	4	4	4	4
Period / Cycle	4	4	4	4	4	4	4	4	4
1984Q1	10.9670	15.200	39.089	14.1131	22.0593	13720.00	21444.87	2067.90	1569.29
1984Q2	10.4638	16.300	39.049	14.3070	22.1474	13976.00	21635.01	2136.26	1574.33
1984Q3	10.5741	12.600	40.133	14.6293	22.4727	14363.00	22063.66	2175.18	1569.94
1984Q4	12.6708	11.700	41.041	14.9824	22.8718	14784.00	22568.92	2202.85	1589.17
1985Q1	14.2171	13.200	42.038	15.4244	23.2954	15297.00	23103.06	2245.82	1748.93
1985Q2	17.5902	14.700	42.036	15.6468	23.4536	15596.00	23377.40	2264.89	1788.23
1985Q3	14.2518	16.300	43.079	15.7798	23.5014	15839.00	23589.60	2257.83	1828.91
1985Q4	16.4333	13.900	44.012	16.1475	23.8615	16322.00	24119.28	2277.16	1866.36
1986Q1	21.1709	14.600	45.042	16.6106	24.3704	16908.00	24806.70	2285.83	1888.23
1986Q2	18.5142	14.300	46.009	16.8606	24.7223	17283.00	25341.64	2302.05	1953.08
1986Q3	18.2991	14.600	46.009	16.9682	24.6943	17516.00	25491.54	2344.53	1990.89
1986Q4	17.8086	17.500	47.009	17.2389	24.9106	17921.00	25896.28	2385.73	2027.37
1987Q1	14.9018	16.800	47.009	17.5394	25.0619	18362.00	26237.43	2389.12	2170.50
1987Q2	15.3460	15.400	48.001	17.8822	25.3339	18853.00	26709.26	2404.16	2290.82
1987Q3	14.4790	15.100	49.007	18.3861	25.7848	19513.00	27365.16	2441.59	2379.88
1987Q4	13.8979	14.400	51.004	18.9846	26.4002	20282.00	28204.31	2476.67	2440.52
1988Q1	18.3978	14.100	51.008	19.1207	26.3610	20563.00	28349.46	2502.27	2494.00
1988Q2	11.8505	14.000	52.005	19.3326	26.3613	20929.00	28538.12	2541.69	2496.69
1988Q3	11.3556	14.600	53.002	19.5814	26.3854	21305.00	28707.91	2548.07	2499.56
1988Q4	9.9636	12.700	54.006	20.0413	26.7438	21915.00	29244.18	2580.80	2522.08
1989Q1	8.7877	10.000	55.005	20.4105	26.9172	22431.00	29581.81	2570.32	2537.35
1989Q2	7.2648	9.600	55.001	20.4414	26.6112	22578.00	29392.70	2550.28	2473.48
1989Q3	7.1295	9.700	55.008	20.4775	26.4896	22658.00	29310.26	2549.67	2444.89
1989Q4	6.1527	10.000	55.007	20.5639	26.3833	22794.00	29244.45	2557.00	2406.89
1990Q1	5.6999	9.400	55.007	20.3798	25.7659	22630.00	28610.80	2510.87	2233.99
1990Q2	4.4519	8.400	55.007	20.5909	25.7557	22905.00	28650.23	2514.17	2180.19
1990Q3	3.8479	8.300	56.007	20.6778	25.5440	22989.00	28399.01	2489.19	2149.47
1990Q4	4.7041	7.700	55.003	20.4688	24.9625	22744.00	27737.26	2446.40	2089.08
1991Q1	3.2416	8.000	56.002	20.9564	25.3667	23273.00	28170.77	2643.62	2028.71
1991Q2	4.0878	10.100	56.006	21.1122	25.4143	23433.00	28208.06	2630.25	2037.99
1991Q3	3.7131	9.900	56.002	21.1379	25.2665	23503.00	28093.47	2620.13	2067.89
1991Q4	4.0311	10.600	57.001	21.4239	25.4054	23863.00	28297.84	2608.86	2072.86
1992Q1	3.8825	12.300	57.002	21.4901	25.2878	23979.00	28216.56	2600.55	2140.45
1992Q2	4.0178	13.000	58.006	21.7949	25.4834	24362.00	28484.91	2610.90	2187.64
1992Q3	4.1189	12.000	58.007	21.9722	25.5125	24624.00	28591.67	2595.13	2231.69
1992Q4	4.6983	13.000	60.009	22.6156	26.0948	25411.00	29320.27	2664.22	2314.61
1993Q1	4.0611	13.300	58.001	21.8654	25.0992	24632.00	28274.94	2616.05	2338.26
1993Q2	4.7013	13.200	59.007	22.2744	25.4048	25158.00	28693.63	2691.67	2367.75
1993Q3	4.3221	14.300	60.009	22.5581	25.6403	25552.00	29043.29	2723.38	2414.21
1993Q4	4.3589	16.500	60.009	22.6683	25.6304	25751.00	29115.93	2763.36	2395.89
1994Q1	3.9091	16.000	61.001	22.9480	25.8441	26144.00	29443.43	2691.62	2316.60
1994Q2	4.7133	16.800	62.004	23.5130	26.3368	26865.00	30091.40	2785.68	2408.21
1994Q3	4.5663	16.100	63.005	23.6842	26.2953	27149.00	30142.11	2755.63	2395.91
1994Q4	4.8760	16.000	64.006	24.1132	26.6526	27731.00	30651.47	2778.76	2420.64
1995Q1	4.8801	16.500	64.003	24.2799	26.7080	28014.00	30815.43	2665.30	2333.10
1995Q2	4.4113	16.300	65.005	24.7970	27.1266	28704.00	31400.69	2636.42	2310.42
1995Q3	4.1126	17.100	65.000	24.7317	26.9406	28734.00	31300.31	2709.12	2287.56
1995Q4	3.7099	17.300	66.000	24.9874	27.1057	29138.00	31608.18	2717.36	2311.66
1996Q1	4.5324	17.900	68.002	25.8773	27.8977	30287.00	32651.63	2746.93	2362.06
1996Q2	4.6256	19.400	69.002	26.2585	28.1263	30844.00	33040.53	2792.66	2440.23
1996Q3	4.5797	20.900	69.006	26.5713	28.3502	31311.00	33407.31	2819.95	2518.00
1996Q4	5.1810	20.000	70.007	26.8483	28.4555	31736.00	33635.75	2860.56	2526.71
1997Q1	5.2107	21.000	69.002	26.5752	28.0385	31511.00	33246.11	2964.73	2575.41
1997Q2	5.0475	22.800	70.008	26.9828	28.4146	32094.00	33797.03	2947.53	2606.33
1997Q3	5.4972	24.400	71.009	27.4027	28.7789	32706.00	34348.55	2965.83	2629.75
1997Q4	5.6876	25.300	72.002	27.8620	29.1638	33369.00	34928.19	3018.76	2670.20
1998Q1	5.8882	24.800	73.001	28.2196	29.5153	33914.00	35471.19	2982.95	2811.42
1998Q2	5.6268	29.900	73.006	28.3033	30.0751	34735.00	36268.81	3085.49	2896.49
1998Q3	5.4591	25.900	73.008	29.4627	30.6622	35648.00	37099.33	3100.28	3024.31
1998Q4	5.6110	25.600	73.002	29.9032	31.0061	36301.00	37639.85	3107.54	3137.60
1999Q1	6.2491	23.500	74.000	29.6032	30.6176	36056.00	37291.47	3389.29	3092.45
1999Q2	6.0655	28.100	74.007	29.9997	30.8261	36660.00	37669.93	3427.90	3142.24
1999Q3	6.4957	28.700	75.005	30.5037	31.1724	37416.00	38236.17	3537.89	3177.15
1999Q4	5.8055	26.200	81.008	31.1616	31.6561	38366.00	38974.79	3620.55	3257.89
2000Q1	6.3488	23.000	86.002	33.1425	33.3774	40957.00	41247.38	3981.03	3441.23
2000Q2	5.7116	28.500	85.008	32.9917	33.0654	40928.00	41019.47	3959.83	3497.80
2000Q3	6.0894	31.200	87.004	33.4442	33.3645	41639.00	41539.72	4128.13	3508.61
2000Q4	7.3828	26.000	87.008	33.7658	33.5354	42191.00	41903.13	4101.82	3515.85
2001Q1	6.2338	20.900	88.006	33.9770	33.4742	42608.00	41977.50	4022.58	3483.68
2001Q2	5.9381	27.400	88.005	33.8589	33.1476	42613.00	41717.74	3953.17	3508.70
2001Q3	6.8401	30.400	87.004	33.6809	32.9265	42524.00	41571.59	3895.75	3545.77
2001Q4	6.1115	24.900	88.007	33.7531	32.9501	42751.00	41733.94	3858.96	3548.52
2002Q1	8.4806	12.000	88.008	33.8741	32.9922	43041.00	41920.47	3762.43	3651.40
2002Q2	5.1103	25.300	89.002	34.2035	33.0836	43598.00	42170.53	3759.73	3643.66
2002Q3	8.7210	29.600	88.006	33.9780	32.7212	43420.00	41813.93	3709.52	3592.99
2002Q4	7.1613	27.800	88.006	33.9658	32.5754	43514.00	41732.84	3699.12	3611.85
2003Q1	7.1381	10.900	88.004	34.0530	32.4157	43736.00	41633.11	3558.27	3560.18
2003Q2	7.6789	26.500	89.008	34.2460	32.5471	44095.00	41907.43	3571.56	3634.29
2003Q3	8.5309	39.600	89.005	34.5756	32.7005	44619.00	42199.29	3631.76	3719.71
2003Q4	7.8913	30.400	90.009	34.9761	32.9727	45237.00	42645.84	3655.87	3760.51
2004Q1	8.1195	11.500	92.000	35.6894	33.3285	46263.00	43202.53	3619.59	3813.83

C&I Var Index	29	30	31	32	33	34	35	36	37
C&I Var Name	HSTT	HSOLD	HINC	PCI	RPCI	PINC	RPINC	RPIR	RPTR
Description	Housing Starts, Total Private	Home Sales, Existing Single- family units	Average Household Income	Per Capita Personal Income - By Place of Residence		Personal Income, Total, By Place of Residence	Real Personal Income, Total	Real Income, Residence Adjustment	Real Nonfarm Proprietors Income
				1984	1984				
Start Year	1984	1984	1984	1984	1984	1984	1984	1984	1984
Start Period	4	4	4	4	4	4	4	4	4
Period / Year	4	4	4	4	4	4	4	4	4
Period / Cycle	4	4	4	4	4	4	4	4	4
2004Q2	8.0733	27.600	94,3406	36.1816	33.4739	47006.00	43488.24	3669.20	3936.57
2004Q3	7.8167	35.200	95,3907	36.7914	33.9141	47897.00	44151.21	3643.86	3993.22
2004Q4	8.8152	31.100	97,3927	37.6477	34.4361	49113.00	44923.44	3663.36	3991.73
2005Q1	7.7079	27.478	97,9338	37.7651	34.3519	49368.00	44906.13	3692.15	4053.27
2005Q2	7.6460	24.277	98,1333	38.1804	34.4489	50014.00	45125.96	3634.33	4123.36
2005Q3	8.0034	21.449	98,9910	38.5325	34.4514	50585.00	45227.37	3667.54	4159.29
2005Q4	6.8656	18.951	99,9991	38.9722	34.5998	51279.00	45525.89	3689.73	4178.91
2006Q1	6.7324	21.592	100,9941	39.3961	34.8162	51960.65	45920.05	3686.36	4122.75
2006Q2	6.0648	19.875	101,9943	39.8146	35.0348	52643.75	46323.71	3709.15	4139.63
2006Q3	5.8650	18.720	102,9939	40.2711	35.3306	53385.99	46836.47	3744.97	4182.86
2006Q4	5.8671	18.230	103,9930	40.6575	35.5268	54038.56	47219.21	3770.02	4209.51
2007Q1	5.8433	18.089	104,9993	41.0119	35.6855	54651.31	47553.56	3783.91	4233.43
2007Q2	5.8408	18.281	105,9991	41.4217	35.8950	55340.93	47957.07	3806.35	4262.85
2007Q3	5.8550	17.465	106,9954	41.8183	36.0824	56018.30	48334.68	3829.24	4294.27
2007Q4	5.8793	17.601	107,9916	42.2311	36.2674	56720.53	48710.65	3849.47	4331.61
2008Q1	5.8672	17.314	108,9992	42.6628	36.4573	57451.40	49094.87	3869.43	4374.07
2008Q2	5.8399	17.468	109,9937	43.1453	36.7091	58254.23	49564.14	3893.40	4423.71
2008Q3	5.8386	16.733	110,9959	43.5956	36.9278	59019.00	49992.21	3916.70	4467.48
2008Q4	5.8383	17.057	111,9975	44.0590	37.1641	59805.02	50446.07	3939.45	4515.12
2009Q1	5.7857	16.848	112,9957	44.5199	37.3872	60591.38	50883.82	3961.10	4568.64
2009Q2	5.7635	17.233	113,9923	45.0267	37.6601	61444.03	51391.41	3984.24	4625.99
2009Q3	5.7702	17.059	114,9972	45.5200	37.9197	62281.66	51882.71	4007.44	4672.41
2009Q4	5.8314	17.307	116,9981	45.9893	38.1593	63090.19	52348.66	4031.01	4719.52
2010Q1	5.7578	17.634	118,9934	46.4053	38.3328	63829.30	52725.78	4052.19	4765.16
2010Q2	5.7776	17.910	118,9915	46.8661	38.5501	64633.52	53164.85	4073.97	4818.34
2010Q3	5.8189	18.174	119,9958	47.3079	38.7452	65406.72	53568.20	4095.94	4862.76
2010Q4	5.8335	18.391	120,9918	47.7408	38.9219	66171.02	53947.58	4117.84	4907.73
2011Q1	5.8492	18.554	120,9972	48.1598	39.0804	66919.45	54303.37	4140.30	4955.73
2011Q2	5.8588	18.637	121,9992	48.5948	39.2524	67693.30	54679.21	4163.99	5002.42
2011Q3	5.8561	18.647	123,9972	49.0339	39.4186	68469.27	55042.75	4187.01	5042.95
2011Q4	5.8306	18.647	124,9982	49.4746	39.5836	69250.67	55405.99	4210.73	5086.14
2012Q1	5.8093	18.607	124,9939	49.8793	39.7188	69984.78	55728.79	4234.99	5131.01
2012Q2	5.7876	18.567	125,9927	50.3347	39.8864	70793.39	56098.41	4258.85	5176.27
2012Q3	5.7702	18.550	127,9994	50.7665	40.0324	71570.99	56437.99	4283.25	5216.80
2012Q4	5.7615	18.555	128,9904	51.2143	40.1866	72374.36	56790.39	4307.40	5259.15
2013Q1	5.7644	18.594	129,9994	51.6551	40.3320	73171.32	57131.75	4332.02	5303.14
2013Q2	5.7531	18.606	130,9926	52.1348	40.5080	74026.86	57517.81	4357.30	5347.81
2013Q3	5.7591	18.653	131,9912	52.6153	40.6869	74881.53	57905.09	4383.15	5389.32
2013Q4	5.7739	18.754	132,9975	53.0950	40.8653	75738.49	58293.20	4409.43	5430.65
2014Q1	5.7919	18.881	133,9995	53.5683	41.0320	76590.01	58666.06	4434.95	5477.32
2014Q2	5.7895	18.962	134,9994	54.0734	41.2202	77490.44	59071.07	4460.61	5525.82
2014Q3	5.8015	19.023	135,9979	54.5760	41.4094	78381.85	59471.92	4486.74	5568.55
2014Q4	5.8252	19.170	137,9979	55.0883	41.6060	79290.47	59884.98	4513.36	5613.22
2015Q1	5.8570	19.349	139,9956	55.6071	41.8033	80212.28	60300.56	4540.03	5663.94
2015Q2	5.8999	19.527	139,9998	56.1530	42.0159	81176.67	60739.61	4566.74	5714.26
2015Q3	5.9264	19.715	140,9948	56.7135	42.2379	82165.65	61193.62	4593.52	5760.95
2015Q4	5.9630	19.861	142,9984	57.2712	42.4619	83154.42	61652.17	4621.28	5810.50
2016Q1	5.9823	19.926	143,9917	57.8276	42.6779	84145.34	62100.84	4648.30	5865.79
2016Q2	5.9904	19.926	144,9927	58.3988	42.8992	85161.52	62558.83	4674.94	5920.40
2016Q3	5.9928	19.911	146,9916	58.9756	43.1216	86187.70	63018.51	4701.37	5970.00
2016Q4	5.9942	19.937	147,9974	59.5768	43.3584	87253.68	63500.91	4727.90	6022.99
2017Q1	6.0018	0.000	148,9961	60.1785	43.5671	88324.48	63943.67	4752.14	6082.50
2017Q2	6.0065	0.000	150,9979	60.7983	43.7821	89425.87	64397.46	4776.07	6142.63
2017Q3	6.0171	0.000	151,9908	61.3993	43.9791	90505.91	64827.58	4799.81	6204.05
2017Q4	6.0287	0.000	153,9985	62.0514	44.2088	91665.63	65307.63	4823.11	6267.69
2018Q1	6.0435	0.000	154,9920	62.6599	44.4054	92765.33	65740.26	4847.02	6332.56
2018Q2	6.0518	0.000	155,9972	63.3229	44.6366	93950.03	66225.83	4870.37	6394.44
2018Q3	6.0550	0.000	157,9987	63.9446	44.8325	95074.52	66658.11	4894.05	6454.16
2018Q4	6.0445	0.000	158,9978	64.6225	45.0612	96287.00	67140.84	4917.01	6518.44
2019Q1	6.0540	0.000	160,9984	65.2748	45.2676	97465.92	67591.87	4940.32	6583.23
2019Q2	6.0538	0.000	162,9915	65.9327	45.4740	98657.71	68044.53	4963.66	6644.54
2019Q3	6.0630	0.000	163,9919	66.6071	45.6893	99867.14	68504.14	4986.87	6705.98
2019Q4	6.0692	0.000	165,9936	67.3270	45.9323	101149.31	69006.75	5010.83	6769.54
2020Q1	6.0621	0.000	167,9945	68.0242	46.1600	102401.85	69488.12	5035.18	6837.05
2020Q2	6.0623	0.000	169,9939	68.6900	46.3608	103611.49	69930.28	5059.53	6901.27
2020Q3	6.0548	0.000	171,9957	69.3457	46.5479	104790.83	70340.16	5082.89	6963.09
2020Q4	6.0371	0.000	173,9997	70.0424	46.7541	106035.97	70780.23	5105.92	7025.69

C&I Var Index C&I Var Name	38 PITP	39 TPTR	40 PINF	41 INDX	42 PRCO	43 PRCG	44 PRCR	45 PRCC	46 PRCI
Description	Personal Income, Total Proprietors Income,	Real Total Proprietors Income	Personal Income, Nonfam Proprietors Income	Industrial Production Index, Total	New Hampshire #2 Heating Oil Production Price	New Hampshire Natural Gas City Gate Price	New Hampshire Residential Natural Gas Price	New Hampshire Commercial Natural Gas Price	New Hampshire Industrial Natural Gas Price
Start Year	1984	1984	1984	1984	1984	1984	1984	1984	1984
Start Period	4	4	4	4	4	4	4	4	4
Period / Year	4	4	4	4	4	4	4	4	4
Period / Cycle	4	4	4	4	4	4	4	4	4
1984Q1	1009.00	1577.10	1004.00		7.9574	3.68	6.5255	6.4017	5.2470
1984Q2	1021.00	1580.52	1017.00		7.5289	4.03	7.9521	6.4233	4.6399
1984Q3	1027.00	1577.62	1022.00		7.5510	4.26	7.0481	6.1289	3.7502
1984Q4	1046.00	1596.80	1047.00		7.4402	4.39	6.9658	6.3252	4.6838
1985Q1	1166.00	1761.01	1158.00		7.5584	4.43	6.5717	6.0109	4.9795
1985Q2	1200.00	1798.72	1193.00		6.7383	4.40	8.1352	6.0583	4.4135
1985Q3	1235.00	1839.33	1228.00		7.5584	4.30	7.1575	5.7757	3.5684
1985Q4	1270.00	1876.70	1265.00		7.6619	4.15	6.9209	6.6060	4.8710
1986Q1	1294.00	1898.50	1287.00		5.5561	3.97	6.4062	6.1713	5.1879
1986Q2	1339.00	1963.34	1331.00		4.6769	3.78	8.0455	6.2724	4.6084
1986Q3	1377.00	2003.99	1390.00		4.7508	3.57	7.0846	5.9708	3.7336
1986Q4	1412.00	2040.37	1433.00		5.6300	3.37	6.3498	5.8647	4.3406
1987Q1	1543.00	2204.79	1534.00		5.4305	3.20	5.8229	5.4408	4.6358
1987Q2	1641.00	2324.82	1632.00		5.4896	3.06	7.3999	5.5649	4.1198
1987Q3	1724.00	2417.75	1697.00		5.7630	2.98	6.4818	5.2863	3.3569
1987Q4	1784.00	2480.84	1759.00		6.0955	2.96	6.1953	5.7644	4.1970
1988Q1	1832.00	2525.71	1811.00		5.8369	2.97	5.5535	5.2525	4.4732
1988Q2	1854.00	2528.06	1833.00		5.6596	3.01	7.1018	5.3590	3.9572
1988Q3	1886.00	2541.33	1871.00		5.2828	3.06	6.1894	5.0903	3.2140
1988Q4	1918.00	2559.45	1900.00		6.1324	3.11	6.6600	6.2000	4.5775
1989Q1	1940.00	2558.46	1920.00		6.1472	3.45	6.9100	6.3100	4.8695
1989Q2	1914.00	2491.70	1891.00		5.7482	2.98	7.5000	6.1600	4.3231
1989Q3	1904.00	2463.00	1891.00		6.1472	3.17	6.8600	6.0000	3.5080
1989Q4	1891.00	2426.13	1871.00		8.7554	3.29	6.7600	6.3800	4.9033
1990Q1	1790.00	2263.07	1761.00	65.76	6.6570	3.86	7.7700	7.2900	5.2303
1990Q2	1763.00	2205.21	1711.00	66.01	5.9625	3.03	8.3200	6.5000	4.6583
1990Q3	1759.00	2172.95	1691.00	65.79	8.8514	3.06	7.7700	6.0100	3.7881
1990Q4	1731.00	2111.03	1711.00	63.64	7.9205	3.50	6.9700	6.4300	4.6131
1991Q1	1697.00	2054.13	1671.00	61.26	6.1989	3.72	7.2200	6.5700	4.9414
1991Q2	1716.00	2065.68	1691.00	61.45	5.7335	2.87	7.8800	5.9600	4.4015
1991Q3	1747.00	2088.21	1731.00	62.53	6.4871	2.82	7.1500	5.9300	3.6092
1991Q4	1770.00	2098.95	1741.00	63.34	6.5093	3.40	6.9000	6.4600	5.0790
1992Q1	1847.00	2173.40	1811.00	62.36	6.0438	3.60	6.9400	6.4600	5.3640
1992Q2	1903.00	2225.05	1871.00	63.57	6.0807	3.28	9.0900	7.2400	4.6979
1992Q3	1952.00	2266.53	1921.00	64.74	6.4723	3.42	8.0900	6.7500	3.6714
1992Q4	2031.00	2343.45	2001.00	64.92	6.4354	3.89	7.8600	7.0000	5.2067
1993Q1	2050.00	2353.18	2031.00	66.10	6.2433	3.59	5.9100	5.8200	5.5017
1993Q2	2091.00	2384.86	2070.00	67.06	5.7852	3.91	8.6000	6.2200	4.7645
1993Q3	2139.00	2431.26	2121.00	67.85	5.6891	4.44	7.0900	5.9700	3.8236
1993Q4	2141.00	2420.77	2115.00	69.27	5.9403	3.72	8.1500	7.6800	5.4652
1994Q1	2071.00	2332.36	2067.00	70.80	5.7778	3.94	6.5700	6.3000	5.7675
1994Q2	2164.00	2423.89	2101.00	72.37	5.3049	3.38	9.4200	6.6300	5.2195
1994Q3	2170.00	2409.24	2101.00	73.56	5.4675	2.94	7.7600	6.2700	4.2329
1994Q4	2202.00	2433.90	2195.00	75.83	5.7926	3.09	7.3100	6.8600	4.8794
1995Q1	2124.00	2336.40	2101.00	77.34	5.6596	3.37	5.6500	5.4700	5.2841
1995Q2	2114.00	2312.61	2111.00	77.89	5.3862	3.38	8.1600	6.0300	4.7881
1995Q3	2103.00	2290.82	2091.00	78.69	5.4601	3.86	7.2400	5.6600	3.9488
1995Q4	2155.00	2316.00	2091.00	80.22	6.5831	3.31	7.0900	6.6700	5.1106
1996Q1	2198.00	2369.61	2091.00	80.77	7.1299	4.06	5.9400	5.7900	5.5996
1996Q2	2285.00	2447.72	2171.00	83.09	6.1768	4.30	8.4500	6.2900	4.9968
1996Q3	2365.00	2523.34	2261.00	85.04	7.3220	4.45	7.0500	5.6600	4.2826
1996Q4	2390.00	2533.07	2261.00	86.24	7.5436	4.12	9.1000	8.3900	5.3159
1997Q1	2442.00	2576.47	2441.00	88.28	7.0338	4.45	6.6200	6.5000	5.5646
1997Q2	2476.00	2607.39	2470.00	90.66	6.3245	3.72	9.0100	6.4700	4.7243
1997Q3	2505.00	2630.81	2481.00	93.83	6.5166	4.25	7.4700	6.1400	3.7229
1997Q4	2552.00	2671.24	2501.00	96.98	6.3984	3.90	8.1900	7.6000	4.8829
1998Q1	2690.00	2813.51	2681.00	99.01	6.0068	3.93	6.3800	6.1800	5.1071
1998Q2	2776.00	2898.58	2770.00	99.29	5.2089	3.53	9.0300	6.5900	4.6809
1998Q3	2909.00	3027.43	2901.00	100.06	5.2532	3.92	7.2900	5.9400	3.7677
1998Q4	3029.00	3140.72	3041.00	101.13	5.2311	3.54	7.4400	6.8900	4.6134
1999Q1	2999.00	3101.76	2981.00	102.18	5.1867	3.52	5.6700	5.4000	5.0460
1999Q2	3067.00	3151.49	3051.00	103.52	5.1498	3.81	8.8000	6.4100	4.6249
1999Q3	3118.00	3186.35	3101.00	104.21	6.4871	5.64	7.3800	6.2900	3.8324
1999Q4	3215.00	3266.02	3201.00	106.74	8.9327	4.64	9.0600	7.7900	6.0304
2000Q1	3418.00	3442.23	3391.00	108.77	8.6002	4.19	7.9400	6.8400	6.7178
2000Q2	3491.00	3498.80	3401.00	110.81	8.7110	4.54	12.4900	9.1600	5.9907
2000Q3	3517.00	3508.61	3491.00	111.60	9.7159	6.67	10.9900	8.7500	5.2864
2000Q4	3540.00	3515.85	3491.00	112.27	9.9671	6.94	11.9400	11.3200	11.2000
2001Q1	3534.00	3481.70	3491.00	110.80	9.3612	5.38	11.9900	11.6100	10.7200
2001Q2	3581.00	3505.77	3491.00	108.35	8.9548	4.37	16.6700	12.9300	8.2100
2001Q3	3624.00	3542.83	3521.00	104.37	8.6889	3.22	13.0000	9.9000	3.7100
2001Q4	3633.00	3546.57	3531.00	100.55	8.3638	2.83	9.4600	8.8800	7.2600
2002Q1	3732.00	3634.84	3621.00	99.43	8.1052	3.90	10.0500	9.2100	7.7100
2002Q2	3743.00	3620.45	3621.00	100.24	7.4919	4.29	12.2300	10.1000	5.9400
2002Q3	3725.00	3587.22	3621.00	100.88	8.2308	4.51	11.4100	9.0400	6.1500
2002Q4	3771.00	3616.64	3621.00	99.41	9.3982	4.94	9.8900	8.6200	7.9100
2003Q1	3738.00	3558.27	3621.00	99.19	9.7971	9.20	10.6700	10.7600	8.2300
2003Q2	3823.00	3633.34	3621.00	98.82	8.7701	4.63	16.9500	11.6600	11.0600
2003Q3	3933.00	3719.71	3621.00	100.50	8.8957	7.76	13.4700	10.1600	9.6500
2003Q4	3990.00	3761.45	3621.00	102.49	10.0705	8.56	13.6700	12.6100	9.2300
2004Q1	4086.00	3815.70	4001.00	103.71	9.8710	6.02	14.6200	13.1000	13.0700

C&I Var Index	38	39	40	41	42	43	44	45	46
C&I Var Name	PITP	TPTR	PINF	INDX	PRCO	PRCG	PRCR	PRCC	PRCI
	Personal Income, Total Proprietors Income,	Real Total Proprietors Income	Personal Income, Nonfarm Proprietors Income	Industrial Production Index, Total	New Hampshire #2 Heating Oil Production Price	New Hampshire Natural Gas City Gate Price	New Hampshire Residential Natural Gas Price	New Hampshire Commercial Natural Gas Price	New Hampshire Industrial Natural Gas Price
Description	1984	1984	1984	1984	1984	1984	1984	1984	1984
Start Year	1984	1984	1984	1984	1984	1984	1984	1984	1984
Start Period	4	4	4	4	4	4	4	4	4
Period / Year	4	4	4	4	4	4	4	4	4
Period / Cycle	4	4	4	4	4	4	4	4	4
2004Q2	4258.00	3939.35	4,258.00	105.50	10.3661	5.99	18.3500	14.3900	11.9800
2004Q3	4333.00	3994.14	4,333.00	107.73	12.9225	7.63	16.3800	13.4100	11.3400
2004Q4	4364.00	3991.73	4,364.00	108.05	12.8264	9.07	13.2700	12.4600	10.3600
2005Q1	4455.00	4052.36	4,455.00	109.52	13.7869	8.21	14.6600	13.3800	12.7900
2005Q2	4566.00	4119.75	4,566.00	110.23	14.7918	9.65	17.3000	13.1500	9.7300
2005Q3	4647.00	4154.82	4,647.00	109.68	17.1782	12.75	18.5300	15.0300	11.9200
2005Q4	4703.00	4175.36	4,703.00	111.33	16.2916	12.29	17.0100	16.3900	15.9200
2006Q1	4663.62	4121.45	4,663.62	111.77		12.35			
2006Q2	4702.71	4138.13	4,702.71	112.82		12.99			
2006Q3	4765.65	4180.99	4,765.65	113.39		12.99			
2006Q4	4815.31	4207.65	4,815.31	112.98		13.09			
2007Q1	4863.33	4231.71	4,863.33	113.27		13.29			
2007Q2	4917.56	4261.43	4,917.56	113.64		13.37			
2007Q3	4975.65	4293.18	4,975.65	114.11		13.48			
2007Q4	5042.68	4330.57	5,042.68	114.74		13.60			
2008Q1	5117.50	4373.14	5,117.50	115.37		13.70			
2008Q2	5198.30	4422.85	5,198.30	115.93		13.81			
2008Q3	5273.22	4466.69	5,273.22	116.57		13.91			
2008Q4	5351.96	4514.42	5,351.96	117.32		14.02			
2009Q1	5439.53	4568.05	5,439.53	118.22		14.12			
2009Q2	5530.21	4625.43	5,530.21	119.11		14.23			
2009Q3	5608.27	4671.88	5,608.27	119.99		14.33			
2009Q4	5687.34	4719.03	5,687.34	120.99		14.44			
2010Q1	5768.14	4764.74	5,768.14	121.97		14.54			
2010Q2	5857.27	4817.95	5,857.27	122.89		14.65			
2010Q3	5937.00	4862.41	5,937.00	123.80		14.75			
2010Q4	6019.33	4907.41	6,019.33	124.84		14.86			
2011Q1	6106.72	4955.44	6,106.72	125.89		14.96			
2011Q2	6192.71	5002.16	6,192.71	126.96		15.07			
2011Q3	6272.78	5042.72	6,272.78	128.06		15.17			
2011Q4	6356.79	5085.93	6,356.79	129.14		15.27			
2012Q1	6443.32	5130.81	6,443.32	130.27		15.38			
2012Q2	6531.97	5176.09	6,531.97	131.45		15.48			
2012Q3	6615.40	5216.64	6,615.40	132.64		15.59			
2012Q4	6702.13	5259.00	6,702.13	133.84		15.69			
2013Q1	6791.81	5303.00	6,791.81	135.04		15.80			
2013Q2	6882.61	5347.69	6,882.61	136.25		15.90			
2013Q3	6969.21	5389.21	6,969.21	137.47		16.01			
2013Q4	7055.74	5430.55	7,055.74	138.82		16.11			
2014Q1	7150.67	5477.24	7,150.67	140.31		16.22			
2014Q2	7248.76	5525.74	7,248.76	141.82		16.32			
2014Q3	7339.05	5568.48	7,339.05	143.36		16.43			
2014Q4	7432.07	5613.15	7,432.07	144.94		16.53			
2015Q1	7534.14	5663.88	7,534.14	146.46		16.64			
2015Q2	7636.87	5714.21	7,636.87	148.08		16.74			
2015Q3	7735.26	5760.91	7,735.26	149.72		16.85			
2015Q4	7836.96	5810.46	7,836.96	151.42		16.95			
2016Q1	7947.98	5865.76	7,947.98	153.21		17.06			
2016Q2	8059.41	5920.37	8,059.41	155.03		17.16			
2016Q3	8164.88	5969.97	8,164.88	156.90		17.27			
2016Q4	8275.88	6022.97	8,275.88	158.79		17.37			
2017Q1	8401.64	6082.48	8,401.64	160.34		17.47			
2017Q2	8529.96	6142.61	8,529.96	161.86		17.58			
2017Q3	8661.46	6204.03	8,661.46	163.39		17.68			
2017Q4	8797.29	6267.67	8,797.29	164.99		17.79			
2018Q1	8935.78	6332.55	8,935.78	166.77		17.89			
2018Q2	9071.34	6394.43	9,071.34	168.58		18.00			
2018Q3	9205.55	6454.14	9,205.55	170.31		18.10			
2018Q4	9348.11	6518.43	9,348.11	172.06		18.21			
2019Q1	9492.85	6583.22	9,492.85	173.85		18.31			
2019Q2	9633.90	6644.53	9,633.90	175.67		18.42			
2019Q3	9776.14	6705.97	9,776.14	177.44		18.52			
2019Q4	9922.71	6769.54	9,922.71	179.23		18.63			
2020Q1	10075.48	6837.05	10,075.48	181.10		18.73			
2020Q2	10225.19	6901.27	10,225.19	182.99		18.84			
2020Q3	10373.41	6963.08	10,373.41	184.96		18.94			
2020Q4	10525.18	7025.68	10,525.18	186.91		19.05			

C&I Var Index C&I Var Name	47 PRCCI	48 EGYO	49 EGYC	50 EGYC	51 EGYI	52 RPRC	53 RPRI	54 REGC	55 REGI
Description	New Hampshire Commercial & Industrial Natural Gas Price	New Hampshire #2 Heating Oil Consumption	New Hampshire Natural Gas Consumption by All	New Hampshire Commercial Natural Gas Consumption	New Hampshire Industrial Natural Gas Consumption	Price Ratio: Commercial Natural Gas Price : #2 Heating Oil Price	Price Ratio: Industrial Natural Gas Price : #2 Heating Oil Price	Energy Consumption Ratio: Commercial Natural Gas : #2 Heating Oil	Energy Consumption Ratio: Industrial Natural Gas : #2 Heating Oil
Start Year	1984	1984	1984	1984	1984	1984	1984	1984	1984
Start Period	4	4	4	4	4	4	4	4	4
Period / Year	4	4	4	4	4	4	4	4	4
Period / Cycle	4	4	4	4	4	4	4	4	4
1984Q1	5.8958	1897.82	1137.21	400.48	312.29	0.80	0.66	6.33	4.94
1984Q2	5.1528	1113.54	418.21	117.59	291.30	0.85	0.62	3.27	8.11
1984Q3	4.8434	1365.71	491.00	202.94	238.63	0.81	0.50	4.61	5.42
1984Q4	5.6678	3203.85	2181.68	804.03	537.21	0.85	0.63	7.78	5.20
1985Q1	5.5530	1455.64	1341.51	479.10	382.57	0.80	0.66	9.87	7.88
1985Q2	4.8874	806.84	651.88	146.76	362.62	0.90	0.65	5.64	13.93
1985Q3	4.5965	1611.15	729.49	243.21	278.97	0.76	0.47	4.68	5.37
1985Q4	5.8895	2713.79	2111.15	725.80	510.54	0.86	0.64	8.29	5.83
1986Q1	5.7364	1776.01	1291.85	427.27	338.84	1.11	0.93	7.22	5.72
1986Q2	5.0985	890.33	571.83	131.86	315.81	1.34	0.99	4.59	11.00
1986Q3	4.7800	2097.02	891.14	216.81	246.74	1.26	0.79	3.21	3.65
1986Q4	5.2409	3760.20	2231.85	751.32	520.69	1.04	0.77	6.19	4.29
1987Q1	5.0845	2758.21	1371.75	442.48	351.35	1.00	0.85	4.81	3.82
1987Q2	4.5495	1374.52	891.19	137.60	325.18	1.01	0.75	3.10	7.33
1987Q3	4.2508	2576.17	721.12	224.19	259.67	0.92	0.58	2.70	3.12
1987Q4	5.1312	7012.30	2381.13	821.74	556.98	0.95	0.69	3.63	2.46
1988Q1	4.9105	2622.59	1471.12	483.10	377.73	0.90	0.77	5.53	4.32
1988Q2	4.3819	2183.03	611.88	151.26	347.95	0.95	0.70	2.15	4.94
1988Q3	4.0819	2323.17	711.12	243.84	283.30	0.96	0.61	3.25	3.78
1988Q4	5.5461	4920.74	2351.10	842.00	568.40	1.01	0.75	5.30	3.58
1989Q1	5.6760	3823.24	1671.19	551.00	433.19	1.03	0.79	4.32	3.40
1989Q2	4.8579	1022.08	681.10	154.00	374.90	1.07	0.75	4.67	11.37
1989Q3	4.6729	4834.72	801.13	248.00	282.53	0.98	0.57	1.59	1.81
1989Q4	5.7905	5439.75	2811.17	899.00	597.37	0.73	0.56	5.12	3.40
1990Q1	6.3861	3073.70	1511.19	518.00	405.09	1.10	0.79	5.06	3.95
1990Q2	5.1945	1497.87	611.17	153.00	372.47	1.09	0.78	3.17	7.71
1990Q3	4.8267	2467.50	711.10	265.00	301.90	0.68	0.43	3.33	3.79
1990Q4	5.6954	5069.26	2311.11	794.67	539.44	0.81	0.58	4.86	3.30
1991Q1	5.8442	2656.29	1171.14	484.17	389.25	1.06	0.80	5.47	4.40
1991Q2	4.8571	1536.89	871.14	154.68	374.38	1.04	0.77	3.12	7.55
1991Q3	4.7066	3730.83	791.13	256.04	285.45	0.91	0.56	2.13	2.37
1991Q4	5.9003	7026.57	2561.16	910.73	620.72	0.99	0.78	4.02	2.74
1992Q1	5.9735	3052.99	1891.10	629.01	502.02	1.07	0.89	6.18	4.93
1992Q2	5.4396	1496.61	771.16	178.78	433.92	1.19	0.77	3.70	8.99
1992Q3	5.1142	3049.87	911.16	294.81	334.26	1.04	0.57	3.00	3.40
1992Q4	6.2780	4797.80	2711.14	993.00	669.28	1.09	0.81	6.42	4.32
1993Q1	5.5661	2873.12	1841.18	611.10	511.78	0.90	0.88	6.38	5.34
1993Q2	5.1480	1600.67	821.19	177.01	494.89	1.08	0.82	3.43	9.58
1993Q3	4.7476	2308.48	1181.15	331.62	438.67	1.05	0.67	4.45	5.89
1993Q4	6.7546	6864.61	3181.19	1250.98	905.08	1.29	0.92	5.69	4.09
1994Q1	6.0607	2439.88	1711.14	580.75	473.87	1.09	1.00	7.14	5.83
1994Q2	5.5952	902.08	1111.11	173.00	476.44	1.25	0.98	5.94	16.37
1994Q3	5.1437	2161.21	1111.13	305.11	377.34	1.15	0.77	4.38	5.41
1994Q4	6.0477	4623.26	2111.13	978.32	680.16	1.18	0.84	6.56	4.56
1995Q1	5.3867	2795.56	1911.13	632.29	513.16	0.97	0.93	6.79	5.51
1995Q2	5.1364	949.07	791.11	187.99	482.18	1.12	0.89	6.14	15.75
1995Q3	4.7279	2341.63	1111.10	285.43	341.51	1.04	0.72	3.78	4.52
1995Q4	6.0437	5794.28	3111.13	1163.13	780.65	1.01	0.78	6.22	4.18
1996Q1	5.7060	2448.81	1811.14	661.26	522.40	0.81	0.79	8.10	6.40
1996Q2	5.3685	967.95	791.12	180.23	446.84	1.02	0.81	5.77	14.31
1996Q3	4.9922	2479.67	1111.14	360.14	440.44	0.80	0.58	4.50	5.51
1996Q4	7.1715	5800.58	2911.19	1121.38	736.34	1.11	0.70	5.99	3.94
1997Q1	6.1300	3232.05	1911.19	738.80	483.45	0.92	0.79	6.86	4.49
1997Q2	5.2943	1283.47	821.15	215.94	445.47	1.02	0.75	5.22	10.76
1997Q3	5.0009	2467.08	1111.15	410.52	365.91	0.94	0.57	5.16	4.60
1997Q4	6.5438	5756.94	3111.16	1167.30	742.33	1.19	0.76	6.29	4.00
1998Q1	5.7091	2528.39	1711.15	623.07	487.39	1.03	0.85	7.39	5.78
1998Q2	5.3234	1052.29	1111.14	227.85	449.10	1.27	0.90	6.71	13.23
1998Q3	4.8566	2396.59	1111.17	370.76	368.90	1.13	0.72	4.80	4.77
1998Q4	6.0642	5505.62	3111.11	1311.64	746.58	1.32	0.88	7.39	4.20
1999Q1	5.2489	2606.06	1111.17	658.31	490.18	1.04	0.97	7.88	5.87
1999Q2	5.1645	1132.84	791.17	195.69	451.67	1.24	0.90	5.36	12.36
1999Q3	5.1123	2295.48	1111.10	403.23	371.01	0.97	0.59	5.45	5.01
1999Q4	7.0037	6590.63	3111.10	1334.53	1078.20	0.87	0.88	6.28	5.07
2000Q1	6.7788	2954.73	2111.12	707.05	707.91	0.80	0.78	7.18	7.19
2000Q2	6.9012	1185.29	1111.18	262.93	652.29	1.05	0.69	6.88	17.06
2000Q3	6.8022	2691.13	1111.11	416.96	535.80	0.90	0.54	4.80	6.17
2000Q4	11.2703	6593.57	3111.10	1122.96	793.12	1.14	1.12	5.28	3.73
2001Q1	11.2299	3154.50	2111.10	885.66	660.28	1.24	1.15	8.42	6.28
2001Q2	8.9098	1374.94	1111.10	126.04	724.10	1.44	0.92	2.84	16.33
2001Q3	5.3240	2444.00	1111.10	259.90	736.84	1.14	0.43	3.30	9.35
2001Q4	8.2688	5340.31	2111.10	1162.59	704.32	1.06	0.87	6.75	4.09
2002Q1	8.3944	2766.74	2111.10	700.30	834.57	1.14	0.95	7.59	9.05
2002Q2	7.1562	1160.95	1111.10	399.24	966.35	1.35	0.79	10.66	26.60
2002Q3	8.0171	2913.50	1111.10	368.60	201.93	1.10	0.75	3.92	2.15
2002Q4	8.2462	7093.70	5111.10	1791.72	1991.73	0.92	0.84	7.83	8.70
2003Q1	9.7893	3331.53	3111.10	863.20	537.32	1.10	0.84	7.77	4.84
2003Q2	11.3524	1073.68	4111.10	302.76	318.51	1.33	1.26	8.74	9.20
2003Q3	9.9221	2564.00	4111.10	434.60	379.96	1.14	1.08	5.25	4.59
2003Q4	11.4947	7049.22	5111.10	1422.79	700.72	1.25	0.92	6.26	3.08
2004Q1	13.0869	2655.48	6111.10	843.95	651.65	1.33	1.32	9.53	7.36

C&I Var Index	47	48	49	50	51	52	53	54	55
C&I Var Name	PRCCI	EGYO	EGYG	EGYC	EGYI	RPRC	RPRI	REGC	REGI
	New Hampshire Commercial & Industrial Natural Gas Price	New Hampshire #2 Heating Oil Consumption	New Hampshire Natural Gas Consumption : #1 All	New Hampshire Commercial Natural Gas Consumption	New Hampshire Industrial Natural Gas Consumption	Price Ratio: Commercial Natural Gas Price : #2 Heating Oil Price	Price Ratio: Industrial Natural Gas Price : #2 Heating Oil Price	Energy Consumption Ratio: Commercial Natural Gas : #2 Heating Oil	Energy Consumption Ratio: Industrial Natural Gas : #2 Heating Oil
Description	1984	1984	1984	1984	1984	1984	1984	1984	1984
Start Year	1984	1984	1984	1984	1984	1984	1984	1984	1984
Start Period	4	4	4	4	4	4	4	4	4
Period / Year	4	4	4	4	4	4	4	4	4
Period / Cycle	4	4	4	4	4	4	4	4	4
2004Q2	12.8427	891.17	4200.00	297.19	533.06	1.39	1.16	10.34	18.54
2004Q3	12.1901	2353.38	3269.00	416.32	597.45	1.04	0.88	5.48	7.87
2004Q4	11.8037	5787.99	6119.00	1596.99	725.91	0.97	0.81	8.55	3.89
2005Q1	13.1597	2004.20	5119.00	910.54	542.47	0.97	0.93	13.63	8.12
2005Q2	11.1381	956.62	6150.00	319.41	458.36	0.89	0.66	10.35	14.79
2005Q3	13.3308	1764.72	6150.00	428.82	516.47	0.87	0.69	7.53	9.07
2005Q4	16.2564	3942.71	6150.00	1393.65	553.24	1.01	0.98	10.96	4.35
2006Q1									
2006Q2									
2006Q3									
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2020Q2									
2020Q3									
2020Q4									

C&I Var Index	56	57	58	59	60	61	62	63	64
C&I Var Name	REVC	REVI	REVC1	RVNC	RVNI	RVNC1	CHGC	CHGI	CHGCI
Description	Revenue to Commercial Customers	Revenue to Industrial Customers	Revenue to C & I Customers	Revenue (Normal)to Commercial Customers	Revenue (Normal)to Industrial Customers	Revenue (Normal)to C & I Customers	Company Charge to Commercial Customers	Company Charge to Industrial Customers	Company Charge to C & I Customers
Start Year	1984	1984	1984	1984	1984	1984	1984	1984	1984
Start Period	4	4	4	4	4	4	4	4	4
Period / Year	4	4	4	4	4	4	4	4	4
Period / Cycle	4	4	4	4	4	4	4	4	4
1984Q1	8530032.00	481649.00	9011681.00	9009405.69	513082.79	9522488.48	7.16	18.01	7.40
1984Q2	4110927.00	236149.00	4347076.00	3519612.68	219244.86	3738857.55	7.53	15.42	7.74
1984Q3	1956475.00	128689.00	2085164.00	1653774.84	114873.48	1768648.32	7.89	10.16	8.00
1984Q4	5080530.00	348775.00	5429305.00	7210195.08	407300.57	7617495.65	8.12	15.72	8.38
1985Q1	9274260.00	468728.00	9742988.00	10117936.76	542838.19	10660774.95	7.70	18.64	7.92
1985Q2	3943887.00	159204.00	4103091.00	3451308.62	139575.69	3590884.31	7.74	10.52	7.82
1985Q3	1890914.00	196080.00	2086994.00	2014245.64	235878.11	2250123.75	7.96	18.52	8.41
1985Q4	5078699.00	261633.00	5340332.00	6898144.44	290839.07	7188983.51	8.01	16.27	8.22
1986Q1	9412596.00	438766.00	9851362.00	9845262.51	493766.59	10339029.10	7.49	14.63	7.65
1986Q2	3939208.00	170557.00	4109765.00	3418954.75	233567.32	3652522.07	7.64	10.26	7.73
1986Q3	2026206.00	125137.00	2151343.00	2253196.01	149826.02	2403022.03	8.40	9.41	8.45
1986Q4	5277100.00	247249.00	5524349.00	7340761.15	333564.70	7674325.85	6.68	5.98	6.65
1987Q1	9488498.00	382142.00	9870640.00	9279028.43	361690.85	9640719.28	6.53	5.59	6.49
1987Q2	3859979.00	160675.00	4020654.00	3195869.70	130877.98	3326747.68	6.43	5.57	6.39
1987Q3	1635077.00	109275.00	1744352.00	1518009.79	138927.14	1656936.93	5.70	9.51	5.84
1987Q4	4511707.00	535875.98	5047582.98	6039969.40	640227.26	6680196.66	5.62	5.16	5.57
1988Q1	8986120.00	702507.85	9688627.85	9206455.37	731751.07	9938206.45	5.76	5.40	5.74
1988Q2	3954112.00	359186.73	4313298.73	2991148.16	291380.99	3282529.15	5.59	5.06	5.54
1988Q3	1551940.00	222167.97	1774107.97	1666927.74	235499.30	1902427.04	5.50	5.03	5.44
1988Q4	5911419.00	582995.76	6494414.76	7570050.95	699708.85	8269759.80	6.42	6.00	6.38
1989Q1	10877850.00	870476.04	11748326.04	11208860.47	882651.43	12091511.89	6.63	6.10	6.59
1989Q2	4638418.00	453010.39	5091428.39	3381865.68	430928.33	3812794.00	6.31	5.66	6.24
1989Q3	1766740.00	409252.64	2175992.64	1843763.64	458493.90	2302257.55	6.39	5.33	6.16
1989Q4	6100503.00	1356672.13	7457175.13	7599820.50	1682822.33	9282642.83	6.68	6.63	6.67
1990Q1	11094768.00	2329411.40	13424179.40	10935905.73	2249919.90	13185825.63	8.03	6.80	7.79
1990Q2	4956307.00	1023423.80	5979730.80	3609714.88	770626.58	4380341.46	8.18	6.65	7.87
1990Q3	1974924.00	473471.75	2448395.75	2089091.14	484125.12	2573216.26	7.72	6.26	7.39
1990Q4	5459232.00	1164270.62	6623502.62	7899781.81	1612698.44	9512480.25	7.94	6.48	7.64
1991Q1	10473479.00	2157055.55	12630534.55	10951863.71	2242551.89	13194415.60	7.82	6.50	7.56
1991Q2	4217194.00	915964.52	5133158.52	3374260.98	704555.14	4078816.11	7.68	6.17	7.36
1991Q3	1832480.00	489777.62	2322257.62	1971376.76	520315.26	2491692.02	7.22	5.73	6.84
1991Q4	5772681.00	1241431.64	7014112.64	8043808.28	167575.20	9719583.48	7.87	6.31	7.54
1992Q1	11672669.00	2436831.00	14109500.00	11781939.50	2475027.34	14256966.84	7.85	6.43	7.56
1992Q2	5728236.00	1375418.35	7103654.35	3846890.61	989190.45	4836081.06	8.33	6.68	7.95
1992Q3	2474351.00	725874.64	3200225.64	2713020.23	764537.81	3477558.04	8.79	7.06	8.33
1992Q4	7908712.25	1705024.73	9613736.98	8224458.91	1997147.73	10221606.64	9.55	7.18	9.02
1993Q1	11129201.00	2348155.07	13477356.07	11033594.99	2769521.95	13803116.94	6.86	5.50	6.58
1993Q2	2655190.86	591050.80	3246240.86	2669825.30	830549.08	3500374.38	3.93	2.80	3.66
1993Q3	1706047.61	378598.78	2084646.39	1662081.69	609325.90	2271407.59	5.80	3.16	5.04
1993Q4	7364960.05	1624578.74	8989538.79	7276911.03	2000488.03	9277399.06	8.85	5.94	8.13
1994Q1	13024970.90	2672998.99	15697969.89	14042974.88	3163855.49	15206830.37	7.00	5.33	6.65
1994Q2	2942261.39	620861.58	3563122.97	2926857.53	956520.42	3883377.95	4.08	2.65	3.73
1994Q3	1750791.52	391637.11	2142428.63	1771263.22	709059.19	2480322.41	5.88	2.84	4.92
1994Q4	7085341.22	1432003.52	8517344.74	7765076.06	1858196.18	9623272.24	9.31	6.65	8.16
1995Q1	10665648.35	2041557.58	12707200.93	11712899.71	2402561.66	14115461.37	6.67	5.75	6.12
1995Q2	2808664.24	592202.33	3464866.57	2755274.63	724696.49	3569107.94	3.95	3.79	3.64
1995Q3	1772632.53	345424.59	2162857.12	1683527.11	465728.62	2215953.43	6.16	4.24	4.98
1995Q4	8178769.59	1288365.70	9642135.29	8016359.70	1653849.31	9929648.08	8.82	6.26	7.69
1996Q1	12398027.75	2329901.63	14977928.38	12345538.95	2663534.65	15400489.47	6.90	5.83	6.36
1996Q2	2921504.45	519833.89	3505838.34	2776234.94	789524.54	3676291.61	3.90	2.64	3.30
1996Q3	1606480.80	286285.43	1937366.23	1629728.99	545493.90	2261305.73	5.55	2.26	3.81
1996Q4	9699166.09	1643645.88	11516811.97	9530772.72	2016396.45	11847682.52	9.00	6.37	7.77
1997Q1	13592366.81	2611413.68	16501001.50	14558595.10	2911209.68	17915308.27	7.09	6.65	6.59
1997Q2	3958586.76	658513.04	4724099.80	3622247.36	872558.49	4622269.23	4.26	2.94	3.60
1997Q3	1977959.27	369335.96	2443311.74	1985690.64	478730.45	2591775.43	5.90	3.57	4.01
1997Q4	9076326.93	1575728.95	11099360.88	9016097.00	1598731.00	11186425.00	8.05	7.24	6.70
1998Q1	13427054.81	-1943144.58	12238210.29	15336701.00	2341547.00	18600276.00	7.21	-6.48	4.77
1998Q2	4341970.10	2067624.77	6633144.87	4761875.00	752452.00	5816200.00	5.52	15.95	5.34
1998Q3	2524436.19	312934.87	3028362.84	2390445.00	508322.00	3115383.00	7.42	3.59	4.10
1998Q4	650435.82	1189905.47	8287581.29	6955681.00	1066514.00	8801800.00	6.87	7.48	5.43
1999Q1	14234201.39	1892380.38	17217380.77	15037313.00	2049899.00	1845438.00	6.87	6.43	5.91
1999Q2	4061204.07	415850.68	4796654.74	4189213.00	526367.00	5127797.00	5.16	3.98	3.70
1999Q3	1978028.45	122367.46	2373085.92	2011934.00	246960.00	2613256.00	6.35	2.87	3.36
1999Q4	7152192.46	18684.51	8026196.97	7627801.00	1013219.00	9694806.00	7.48	0.14	4.99
2000Q1	17836986.76	10926.14	19134800.90	18310661.00	2535907.00	22356862.00	8.02	0.03	6.08
2000Q2	5406250.54	406092.03	6175342.44	5568347.00	720543.00	6737924.00	6.38	3.47	4.53
2000Q3	2755761.62	200107.26	3340473.37	2751833.22	367506.37	3663483.31	8.00	3.59	4.37
2000Q4	10746342.42	1674055.41	13086397.83	10580029.84	1631628.33	12969204.63	10.12	9.63	7.40
2001Q1	8296993.00	1098117.00	11179350.00	7516127.00	981737.00	10282344.00	3.61	3.26	3.43
2001Q2	2137110.00	1276213.00	3917323.00	1991694.00	1183105.00	3678448.00	2.78	1.86	2.37
2001Q3	833616.00	1011165.00	1866331.00	818038.00	989200.00	1878524.00	6.86	1.99	2.71
2001Q4	1385175.00	1902587.00	3338532.00	1365359.00	1863631.00	3203480.00	3.86	1.80	2.13
2002Q1	2678225.00	3709825.00	6455810.00	3002191.19	4114224.37	712324.81	2.95	2.08	2.26
2002Q2	1514479.00	2241022.00	3850201.00	1486370.46	2080556.27	364103.27	3.82	2.04	2.13
2002Q3	881684.49	696723.49	1623057.98	881992.92	717021.01	1643626.06	6.39	1.80	2.17
2002Q4	1796302.08	2457487.70	4337350.51	1772497.58	2426988.99	4283333.22	3.54	2.19	2.28
2003Q1	3474680.00	4626173.00	8165813.00	3616955.00	4815945.00	8497446.00	2.72	1.96	2.16
2003Q2	1672829.00	2367058.00	4105311.00	1557181.00	2181177.00	383121.00	3.60	2.08	2.28
2003Q3	919826.00	1007638.00	1984190.00	920378.00	1006795.00	1983899.00	6.34	2.14	2.32
2003Q4	1656912.00	2227590.00	3952502.00	1503276.00	1994115.00	3564006.00	3.53	2.02	2.17
2004Q1	3589330.00	4577769.00	8235140.00	3875044.00	4970838.00	8914729.00	2.74	1.99	2.18

C&I Var Index	56	57	58	59	60	61	62	63	64
C&I Var Name	REVC	REVI	REVC1	RVNC	RVNI	RVNC1	CHGC	CHGI	CHGCI
Description	Revenue to Commercial Customers	Revenue to Industrial Customers	Revenue to C & I Customers	Revenue (Normal) to Commercial Customers	Revenue (Normal) to Industrial Customers	Revenue (Normal) to C & I Customers	Company Charge to Commercial Customers	Company Charge to Industrial Customers	Company Charge to C & I Customers
Start Year	1984	1984	1984	1984	1984	1984	1984	1984	1984
Start Period	4	4	4	4	4	4	4	4	4
Period / Year	4	4	4	4	4	4	4	4	4
Period / Cycle	4	4	4	4	4	4	4	4	4
2004Q2	1594858.00	2135568.00	3805713.00	1544001.00	2072689.00	3691957.00	3.77	2.15	2.33
2004Q3	934991.00	1062865.00	2056243.00	823815.00	838191.00	1706060.00	6.28	2.14	2.31
2004Q4	1621664.00	2136591.00	3821513.00	1488701.00	1936810.00	3488312.00	3.59	2.07	2.25
2005Q1	3433320.00	4433432.00	7940614.00	3726534.00	4830335.00	8630083.00	2.79	2.03	2.21
2005Q2	1681238.00	2348065.00	4098684.00	1602593.00	2228262.00	3900113.00	3.70	2.15	2.33
2005Q3	952981.00	1052742.00	2064299.00	953248.00	1047799.00	2059563.00	6.54	2.11	2.90
2005Q4	1707728.00	2274194.00	4027184.00	1565897.00	2080850.00	3691494.00	3.57	2.04	2.53
2006Q1									
2006Q2									
2006Q3									
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2020Q3									
2020Q4									

C&I Var Index C&I Var Name	65 CHNC	66 CHNI	67 CHNCI	68 CDDN	69 CDDA	70 BDDN	71 BDDA
Description	Company charge (Normal)to Commercial Customers	Company charge (Normal)to Industrial Customers	Company charge (Normal)to C & I Customers	Normal Callendar Degree Days	Actual Callendar Degree Days	Normal Billing Degree Days	Actual Billing Degree Days
Start Year	1984	1984	1984	1984	1984	1984	1984
Start Period	4	4	4	4	4	4	4
Period / Year	4	4	4	4	4	4	4
Period / Cycle	4	4	4	4	4	4	4
1984Q1	7.40	19.19	7.66	3652	3644	3826	3718
1984Q2	6.68	14.31	6.89	1032	1074	1494	1599
1984Q3	6.67	9.07	6.78	286	284	227	208
1984Q4	10.76	18.36	11.00	2611	2310	2106	1893
1985Q1	8.01	21.59	8.27	3652	3507	3813	3593
1985Q2	6.47	9.22	6.54	1032	980	1488	1378
1985Q3	8.41	22.28	8.99	286	213	225	183
1985Q4	10.67	18.08	10.85	2611	2596	2101	2016
1986Q1	7.53	16.47	7.73	3652	3418	3803	3628
1986Q2	6.12	14.06	6.35	1032	906	1477	1290
1986Q3	9.48	11.27	9.58	286	359	229	304
1986Q4	9.38	8.07	9.31	2611	2566	2103	2137
1987Q1	6.14	5.29	6.10	3652	3528	3793	3613
1987Q2	5.08	4.54	5.05	1032	915	1471	1346
1987Q3	5.24	12.09	5.50	286	308	230	246
1987Q4	7.47	6.16	7.32	2611	2564	2103	2096
1988Q1	5.78	5.62	5.76	3652	3601	3781	3685
1988Q2	4.17	4.11	4.17	1032	1017	1465	1434
1988Q3	5.95	5.33	5.87	286	298	231	257
1988Q4	8.28	7.20	8.17	2611	2680	2108	2145
1989Q1	6.50	6.19	6.47	3652	3415	3773	3549
1989Q2	4.66	5.38	4.73	1032	1002	1458	1473
1989Q3	6.56	5.97	6.43	286	228	227	184
1989Q4	8.86	8.23	8.74	2614	2988	2118	2253
1990Q1	7.54	6.22	7.27	3642	3175	3748	3528
1990Q2	5.91	4.96	5.71	1032	1021	1460	1454
1990Q3	8.12	6.42	7.74	285	220	226	162
1990Q4	10.26	8.07	9.80	2629	2195	2108	1762
1991Q1	7.55	6.28	7.30	3620	3298	3717	3376
1991Q2	5.52	4.36	5.28	1030	761	1440	1179
1991Q3	7.73	5.82	7.23	282	264	225	174
1991Q4	10.34	8.08	9.86	2645	2408	2102	1919
1992Q1	7.63	6.31	7.36	3651	3479	3706	3552
1992Q2	5.89	5.03	5.69	1026	1078	1437	1568
1992Q3	9.65	7.40	9.85	280	288	223	232
1992Q4	10.21	8.63	9.86	2605	2682	2088	2189
1993Q1	6.89	6.57	6.82	3606	3711	3710	3775
1993Q2	3.93	3.92	3.93	1025	907	1434	1396
1993Q3	5.79	4.99	5.55	275	250	223	178
1993Q4	8.87	7.43	8.32	2605	2628	2093	2154
1994Q1	7.00	6.75	6.95	3606	4027	3734	4105
1994Q2	4.08	4.10	4.08	1025	956	1428	1442
1994Q3	5.86	5.08	5.1	275	265	221	185
1994Q4	9.32	8.16	8.46	2605	2237	2071	1813
1995Q1	6.69	6.22	6.23	3606	3265	3717	3348
1995Q2	3.94	4.70	3.81	1025	1052	1428	1476
1995Q3	6.01	5.78	5.21	275	280	217	175
1995Q4	8.84	8.19	8.96	2599	2613	2072	2093
1996Q1	6.90	6.69	6.37	3651	3634	3717	3741
1996Q2	3.90	4.13	3.82	1019	1037	1428	1552
1996Q3	5.54	4.24	4.98	282	198	217	140
1996Q4	8.97	7.90	8.10	2594	2553	2072	2120
1997Q1	7.10	6.99	6.72	3617	3440	3703	3418
1997Q2	4.26	4.18	3.79	1023	1166	1432	1667
1997Q3	5.91	4.77	4.22	275	214	210	165
1997Q4	8.04	7.38	6.79	2603	2556	2054	2077
1998Q1	7.20	6.94	6.45	3602	2981	3669	3115
1998Q2	5.51	5.55	4.38	1020	831	1448	1221
1998Q3	7.36	5.72	4.34	274	164	205	138
1998Q4	6.86	6.38	5.45	2603	2292	2053	1842
1999Q1	6.87	6.59	6.01	3504	3342	3617	3394
1999Q2	5.16	4.90	3.86	984	896	1429	1341
1999Q3	6.34	5.74	3.66	257	168	199	133
1999Q4	7.49	7.13	5.72	2528	2345	2033	1862
2000Q1	8.02	7.64	6.93	3495	3344	3599	3480
2000Q2	6.34	5.94	4.60	979	997	1428	1356
2000Q3	8.00	6.68	4.78	251	241	194	193
2000Q4	10.09	9.51	7.40	2529	2614	2033	2044
2001Q1	3.33	2.88	3.21	3480	3551	3588	3679
2001Q2	2.65	1.64	2.22	977	880	1422	1401
2001Q3	6.85	1.93	2.2	248	158	192	113
2001Q4	3.34	1.58	1.86	2513	2082	2018	1653
2002Q1	2.87	2.01	2.19	3481	3013	3584	3045
2002Q2	3.69	1.89	2.03	979	992	1428	1399
2002Q3	6.60	1.58	1.76	244	111	189	130
2002Q4	3.58	2.19	2.19	2485	2578	1994	2016
2003Q1	2.69	1.95	2.14	3432	3815	3533	3913
2003Q2	3.79	2.12	2.03	975	1072	1420	1540
2003Q3	6.34	2.14	2.02	236	111	183	102
2003Q4	3.79	2.07	2.22	2503	2371	2004	1852
2004Q1	2.68	1.96	2.15	3459	3718	3563	3809

C&I Var Index C&I Var Name	65 CHNC	66 CHNI	67 CHNCI	68 CDDN	69 CDDA	70 BDDN	71 BDDA
	Company charge (Normal)to Commercial Customers	Company charge (Normal)to Industrial Customers	Company charge (Normal)to C & I Customers	Normal Callendar Degree Days	Actual Callendar Degree Days	Normal Billing Degree Days	Actual Billing Degree Days
Start Year	1984	1984	1984	1984	1984	1984	1984
Start Period	4	4	4	4	4	4	4
Period / Year	4	4	4	4	4	4	4
Period / Cycle	4	4	4	4	4	4	4
2004Q2	3.86	2.16	2.35	977	897	1425	1331
2004Q3	5.54	1.70	1.92	231	133	180	119
2004Q4	3.82	2.13	2.30	2493	2394	1997	1868
2005Q1	2.72	1.99	2.17	3463	3581	3567	3636
2005Q2	3.84	2.19	2.57	968	977	1412	1466
2005Q3	6.53	2.12	2.91	224	75	175	80
2005Q4	3.81	2.08	2.62	2497	2362	1995	1792
2006Q1				3464			
2006Q2				969			
2006Q3				224			
2006Q4				2497			
2007Q1				3464			
2007Q2				969			
2007Q3				224			
2007Q4				2497			
2008Q1				3464			
2008Q2				969			
2008Q3				224			
2008Q4				2497			
2009Q1				3464			
2009Q2				969			
2009Q3				224			
2009Q4				2497			
2010Q1				3464			
2010Q2				969			
2010Q3				224			
2010Q4				2497			
2011Q1				3464			
2011Q2				969			
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2016Q1				3464			
2016Q2				969			
2016Q3				224			
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2017Q2				969			
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2017Q4				2497			
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2019Q1				3464			
2019Q2				969			
2019Q3				224			
2019Q4				2497			
2020Q1				3464			
2020Q2				969			
2020Q3				224			
2020Q4				2497			