

Part 1 - Appendix I
GMOC Reports

Missouri 4 CSR 240-22.030 (8) Reporting Requirements
Load Analysis and Forecasting

(8)(B) For each major class specified in subsection (1)(A) the utility shall provide plots of class demand per unit and class total demand at time of summer and winter system peak. The plots shall cover the historical data base period and the forecast period of at least twenty (20) years.

(8)(B)(1) The plots for the historical period shall include both actual and weather-normalized class demands per unit and total demands at the time of summer and winter system peak demands.

(8)(B)(2) The plots for the forecast period shall show each end-use component of major class coincident demands per unit and total class coincident demands for the base-case forecast.

Compliance: See Plots I-1 through I-23 for base-case GMOC forecast reports designed to comply with section (8)(B) reporting requirements.

Linked Files:**Work Files**

WN PeakSumWin.xls

Act PeakSumWin.xls

Project Files

IRP_8B_GMO_Peaks.xls

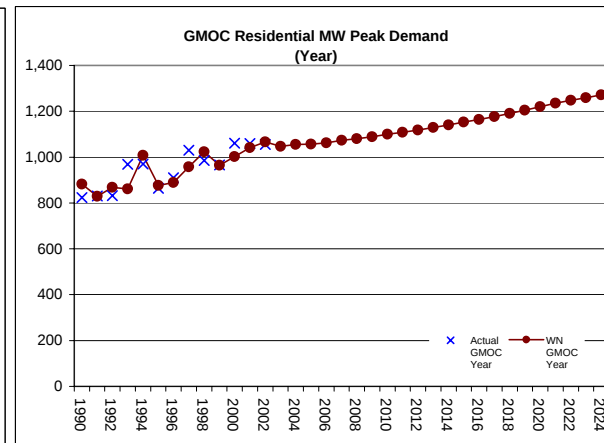
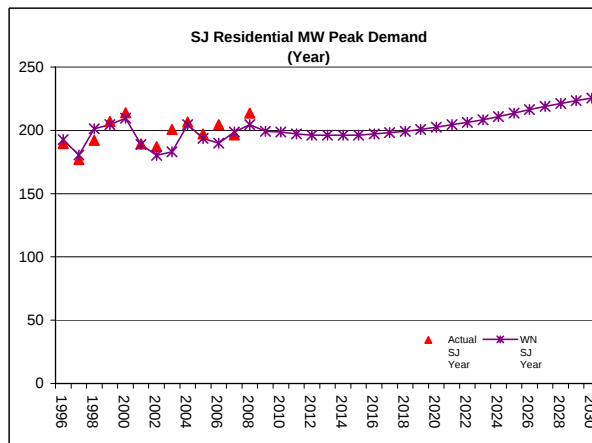
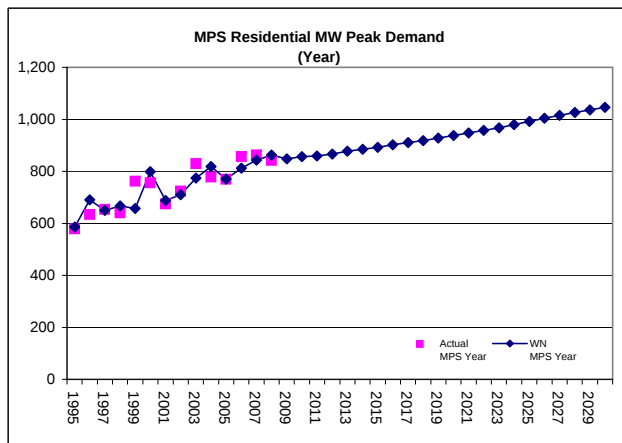
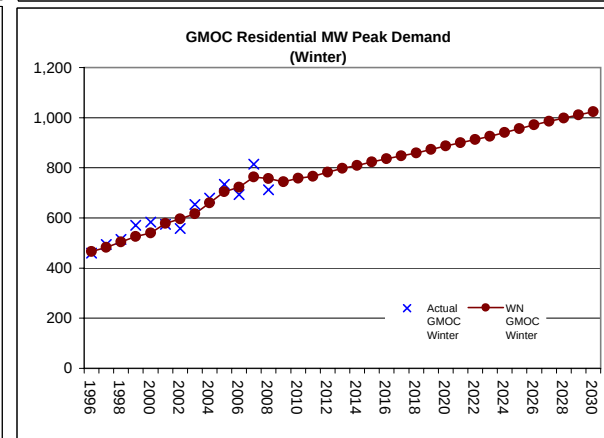
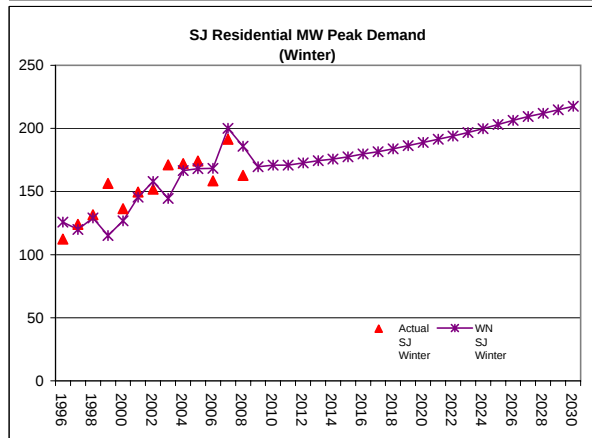
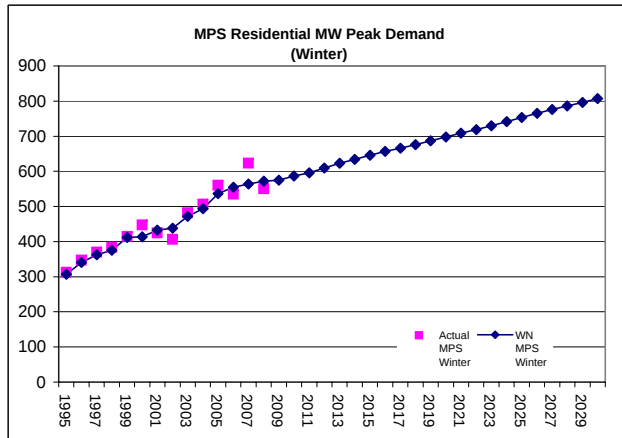
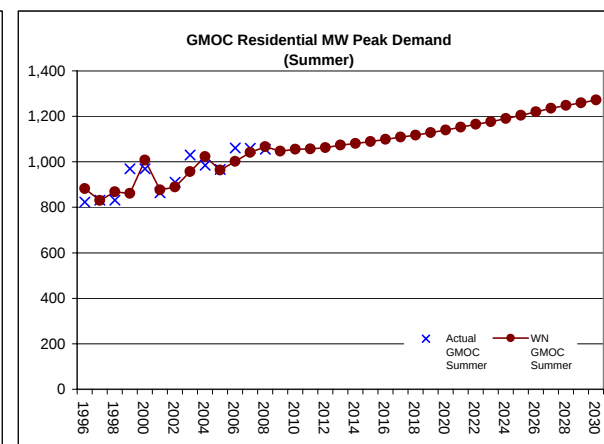
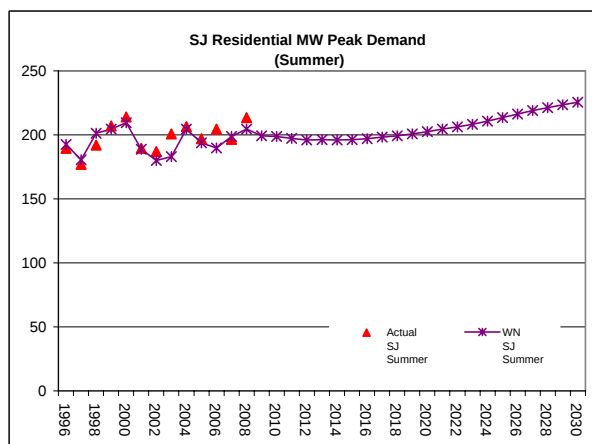
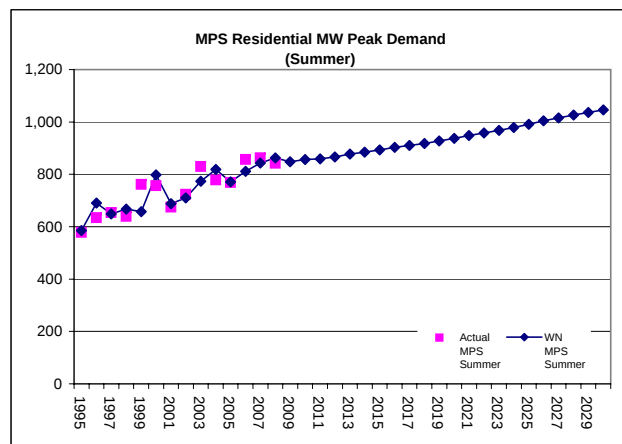
IRP_8B_GMO_PerCust.xls

IRP_8B_GMO_Peak_EndUse.xls

IRP_8B_GMO_PeakPerCust_EndUse.xls

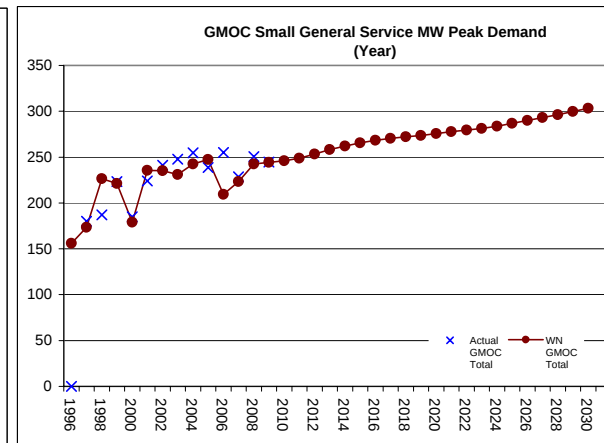
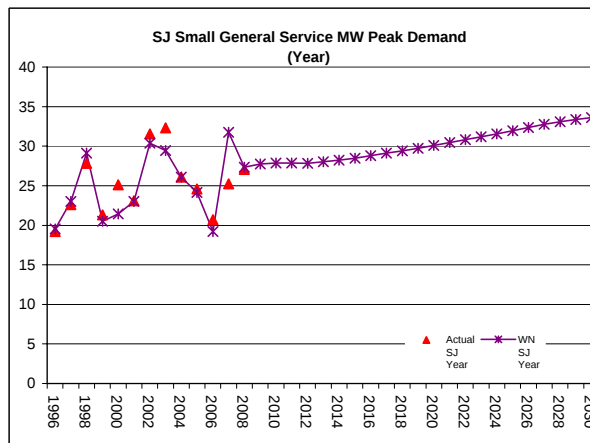
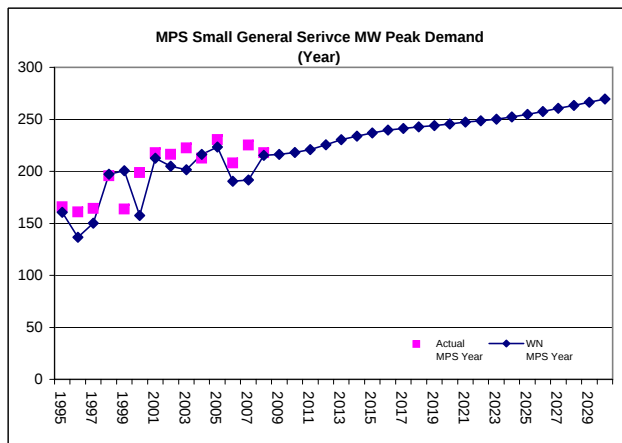
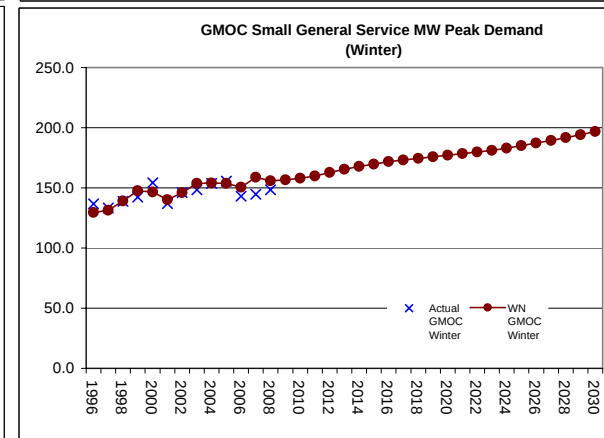
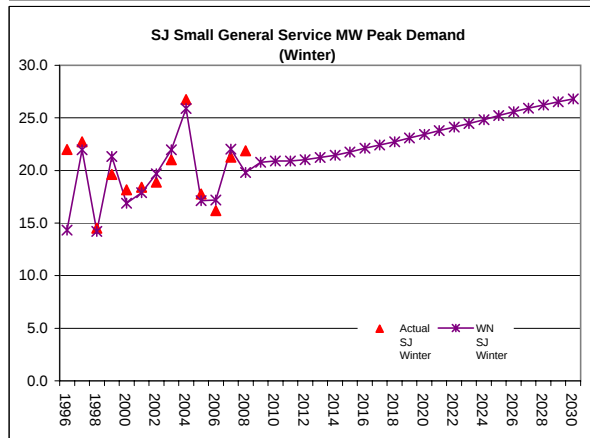
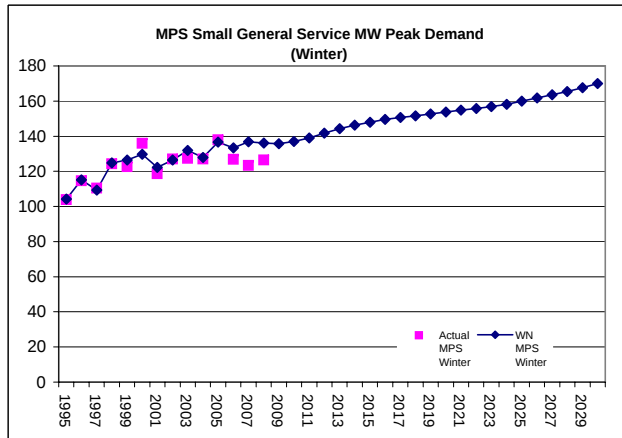
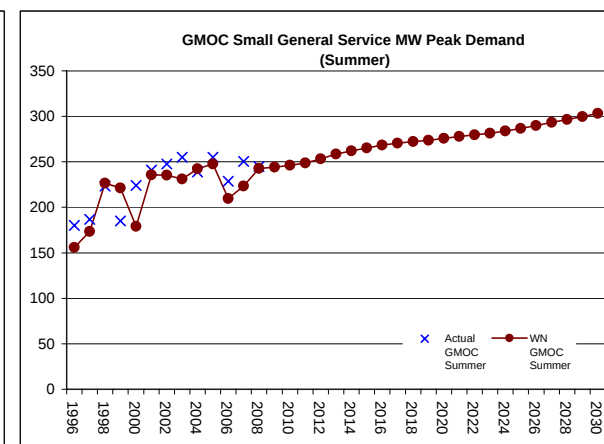
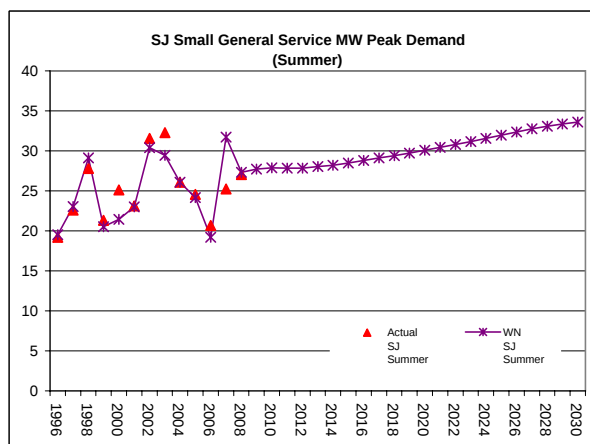
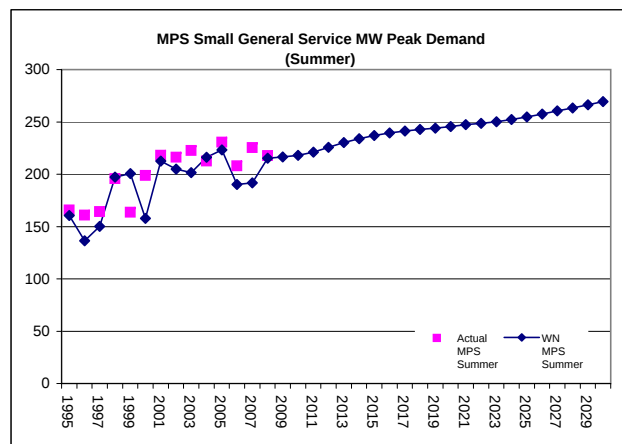
**Plot I-1 MPS & SJ Residential MW Peak Demand
(Actual vs. Weather Normalized)**

Year	Actual MPS Summer	WN MPS Summer	Actual MPS Winter	WN MPS Winter	Actual MPS Year	WN MPS Year	Actual SJ Summer	WN SJ Summer	Actual SJ Winter	WN SJ Winter	Actual SJ Year	WN SJ Year	Actual GMOC Summer	WN GMOC Summer	Actual GMOC Winter	WN GMOC Winter	Actual GMOC Year	WN GMOC Year
1990	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1991	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1992	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1993	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1995	577.9	585.4	312.2	306.7	577.9	585.4	-	-	-	-	-	-	-	-	-	-	-	-
1996	633.9	690.0	346.7	340.3	633.9	690.0	189.5	192.56	112.3	125.9	189.5	192.6	823	882.6	459	466.1	823.3	882.6
1997	653.9	649.4	369.6	362.7	653.9	649.4	177.0	180.41	124.0	119.8	177.0	180.4	831	829.8	494	482.5	830.9	829.8
1998	639.4	666.8	383.5	375.0	639.4	666.8	192.0	201.17	131.5	128.9	192.0	201.2	831	867.9	515	503.9	831.4	867.9
1999	761.7	657.3	414.2	411.3	761.7	657.3	207.1	204.50	156.3	115.0	207.1	204.5	969	861.8	570	526.3	968.9	861.8
2000	756.0	798.5	447.1	413.2	756.0	798.5	213.9	209.53	136.3	126.7	213.9	209.5	970	1,008.1	583	539.9	969.9	1,008.1
2001	674.6	687.7	424.6	432.8	674.6	687.7	189.5	188.76	149.6	145.6	189.5	188.8	864	876.4	574	578.4	864.0	876.4
2002	723.1	709.6	406.0	438.2	723.1	709.6	187.0	180.12	151.8	158.0	187.0	180.1	910	889.7	558	596.2	910.1	889.7
2003	829.7	773.9	482.3	472.1	829.7	773.9	200.7	182.96	171.1	144.4	200.7	183.0	1,030	956.9	653	616.5	1,030.4	956.9
2004	778.4	818.4	506.8	493.7	778.4	818.4	206.5	204.47	172.0	166.6	206.5	204.5	985	1,022.8	679	660.2	984.9	1,022.8
2005	768.9	770.8	560.3	536.8	768.9	770.8	197.1	193.68	174.2	168.1	197.1	193.7	966	964.5	734	704.8	966.0	964.5
2006	856.9	812.0	534.8	554.8	856.9	812.0	204.4	189.76	158.6	168.3	204.4	189.8	1,061	1,001.7	693	723.1	1,061.3	1,001.7
2007	862.5	843.2	623.1	563.7	862.5	843.2	196.5	198.67	191.4	200.0	196.5	198.7	1,059	1,041.8	814	763.7	1,059.0	1,041.8
2008	841.5	862.2	549.9	571.9	841.5	862.2	213.5	204.49	162.8	185.7	213.5	204.5	1,055	1,066.7	713	757.6	1,055.0	1,066.7
2009		848.2		575.2		848.2		199.30		169.6		199.3		1,047.5		744.8		1,047.5
2010		856.8		587.0		856.8		198.77		170.8		198.8		1,055.6		757.8		1,055.6
2011		859.3		595.4		859.3		197.23		171.0		197.2		1,056.5		766.4		1,056.5
2012		866.3		609.6		866.3		196.08		172.7		196.1		1,062.4		782.3		1,062.4
2013		877.1		623.2		877.1		196.13		174.4		196.1		1,073.2		797.6		1,073.2
2014		885.0		634.0		885.0		196.03		175.7		196.0		1,081.0		809.7		1,081.0
2015		892.8		645.4		892.8		196.15		177.5		196.1		1,089.0		822.9		1,089.0
2016		902.5		657.0		902.5		197.09		179.7		197.1		1,099.5		836.7		1,099.5
2017		910.3		666.1		910.3		198.14		181.6		198.1		1,108.4		847.8		1,108.4
2018		918.3		675.8		918.3		199.26		183.7		199.3		1,117.6		859.5		1,117.6
2019		928.0		686.9		928.0		200.81		186.2		200.8		1,128.8		873.2		1,128.8
2020		937.8		698.1		937.8		202.55		188.8		202.6		1,140.3		886.9		1,140.3
2021		948.2		709.0		948.2		204.40		191.4		204.4		1,152.6		900.4		1,152.6
2022		958.1		719.1		958.1		206.34		193.9		206.3		1,164.4		913.1		1,164.4
2023		967.8		729.4		967.8		208.35		196.6		208.4		1,176.2		926.0		1,176.2
2024		979.3		741.0		979.3		210.82		199.8		210.8		1,190.1		940.9		1,190.1
2025		991.5		753.2		991.5		213.56		203.1		213.6		1,205.1		956.3		1,205.1
2026		1,003.9		765.2		1,003.9		216.31		206.3		216.3		1,220.2		971.5		1,220.2
2027		1,015.8		776.2		1,015.8		218.99		209.3		219.0		1,234.8		985.6		1,234.8
2028		1,026.2		786.5		1,026.2		221.29		212.0		221.3		1,247.5		998.5		1,247.5
2029		1,036.1		796.5		1,036.1		223.40		214.7		223.4		1,259.5		1,011.2		1,259.5
2030		1,046.1		806.9		1,046.1		225.57		217.4		225.6		1,271.7		1,024.4		1,271.7
96-'08	2.4%	1.9%	3.9%	4.4%	2.4%	1.9%	1.0%	0.5%	3.1%	3.3%	1.0%	0.5%	2.1%	1.6%	3.7%	4.1%	2.1%	1.6%
08-'10		-0.3%		1.3%		-0.3%		-1.4%		-4.1%		-1.4%		-0.5%		0.0%		-0.5%
10-'15		0.8%		1.9%		0.8%		-0.3%		0.8%		-0.3%		0.6%		1.7%		0.6%
15-'20		1.0%		1.6%		1.0%		0.6%		1.2%		0.9%		1.5%		1.5%		0.9%
20-'25		1.1%		1.5%		1.1%		1.1%		1.5%		1.1%		1.1%		1.5%		1.1%
25-'30		1.1%		1.4%		1.1%		1.1%		1.4%		1.1%		1.1%		1.4%		1.1%
08-'30		0.9%		1.6%		0.9%		0.4%		0.7%		0.4%		0.8%		1.4%		0.8%



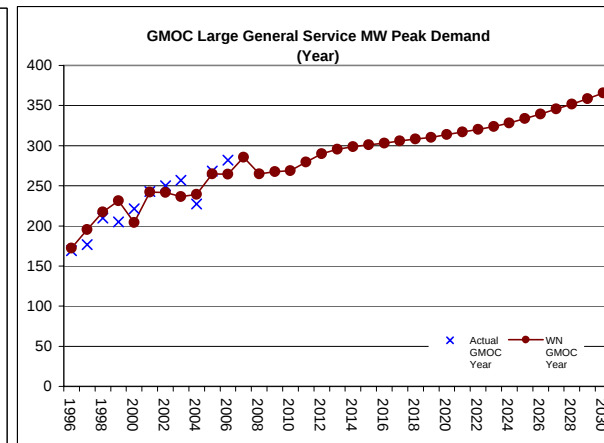
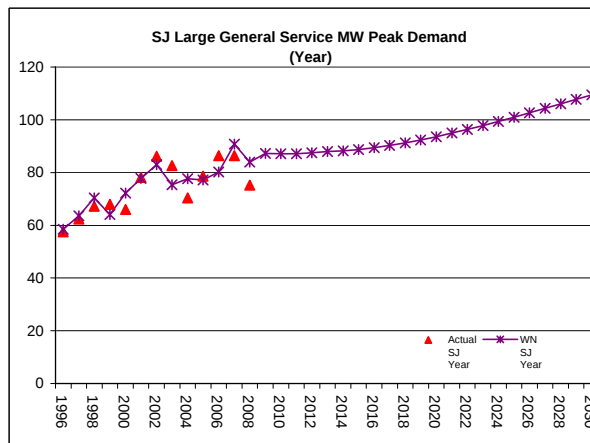
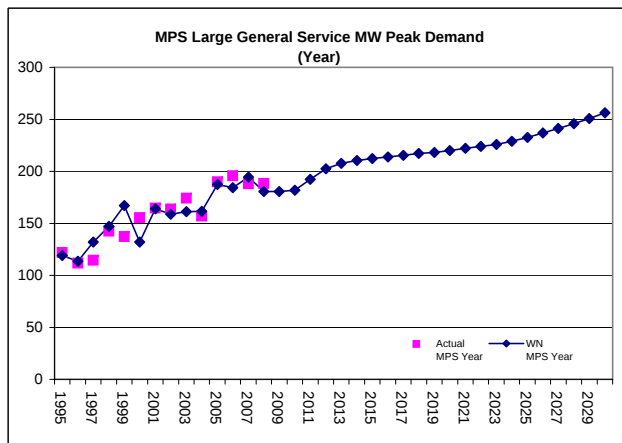
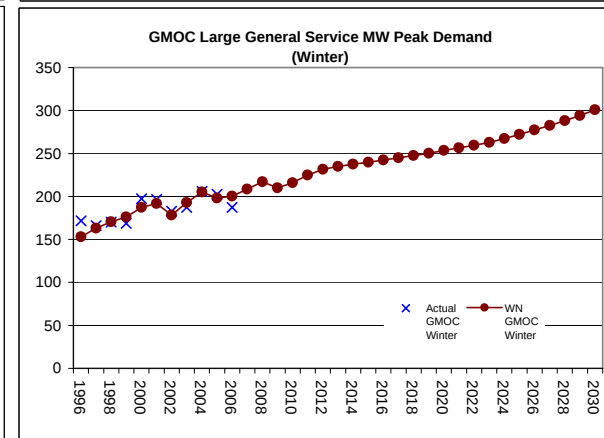
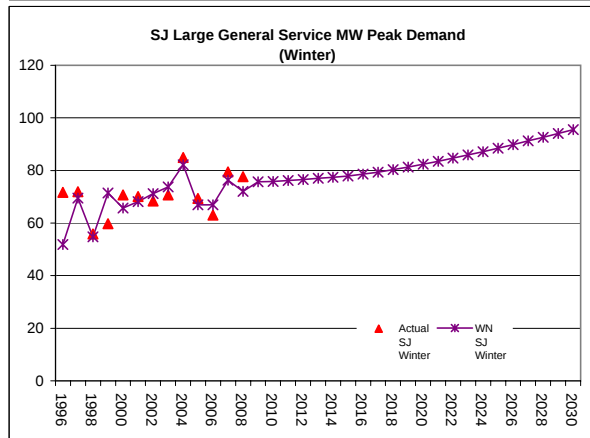
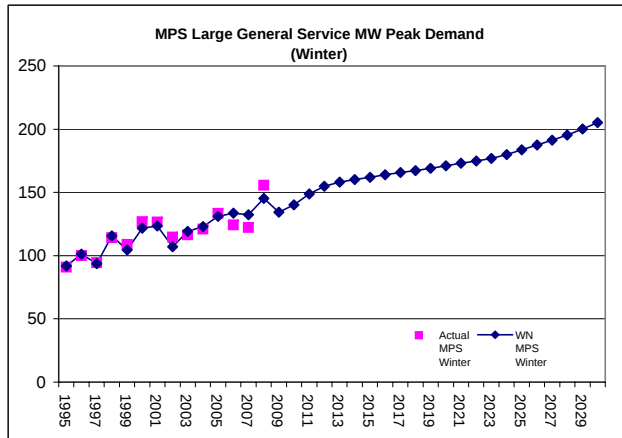
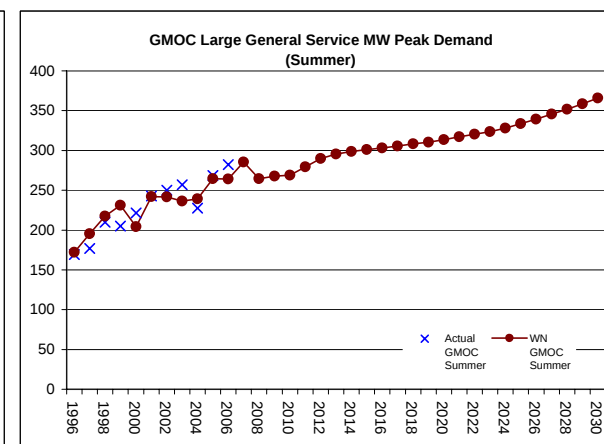
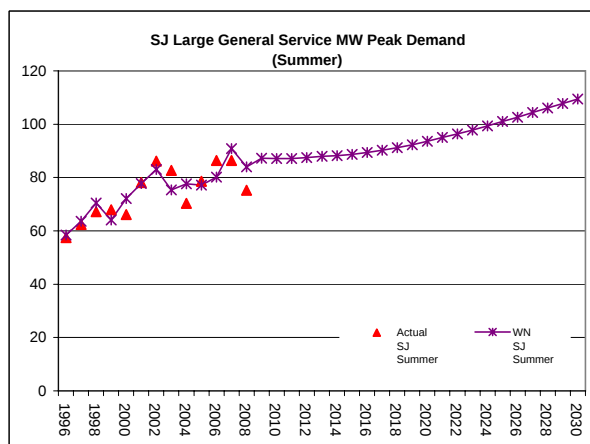
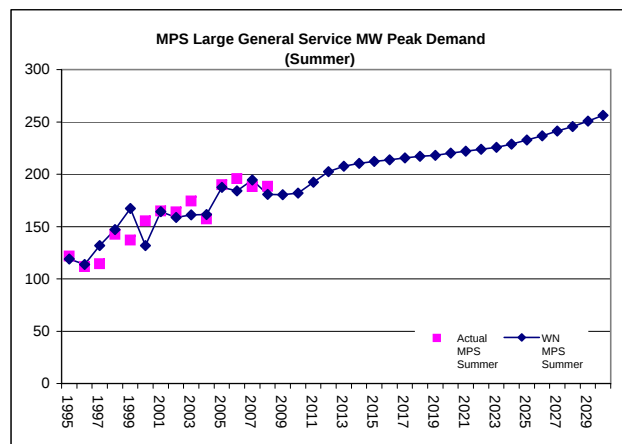
Plot I-2 MPS & SJ Small General Service MW Peak Demand
(Actual vs. Weather Normalized)

Year	Actual MPS Summer	WN MPS Summer	Actual MPS Winter	WN MPS Winter	Actual MPS Year	WN MPS Year	Actual SJ Summer	WN SJ Summer	Actual SJ Winter	WN SJ Winter	Actual SJ Year	WN SJ Year	Actual GMOC Summer	WN GMOC Summer	Actual GMOC Winter	WN GMOC Winter	Actual GMOC Total	WN GMOC Total
1990	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1991	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1992	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1993	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1995	165.7	160.5	103.8	104.2	165.7	160.5	-	-	-	-	-	-	-	-	-	-	-	-
1996	161.0	136.5	114.6	115.2	161.0	136.5	19.2	19.5	22.0	14.3	19.2	19.5	180.2	156.0	136.6	129.5	180.2	156.0
1997	164.3	150.3	110.4	109.3	164.3	150.3	22.6	23.0	22.7	22.0	22.6	23.0	186.9	173.3	133.1	131.3	186.9	173.3
1998	195.6	197.3	124.3	124.8	195.6	197.3	27.8	29.1	14.5	14.2	27.8	29.1	223.4	226.4	138.8	139.1	223.4	226.4
1999	163.8	200.7	122.5	126.4	163.8	200.7	21.3	20.5	19.6	21.3	21.3	20.5	185.1	221.3	142.2	147.7	185.1	221.3
2000	198.9	157.7	136.0	129.7	198.9	157.7	25.1	21.4	18.2	16.9	25.1	21.4	224.0	179.1	154.1	146.6	224.0	179.1
2001	218.0	212.7	118.6	122.2	218.0	212.7	23.1	23.0	18.4	17.9	23.1	23.0	241.1	235.7	137.0	140.1	241.1	235.7
2002	216.3	205.0	127.1	126.4	216.3	205.0	31.5	30.4	18.9	19.7	31.5	30.4	247.8	235.4	146.0	146.1	247.8	235.4
2003	222.6	201.6	127.4	131.9	222.6	201.6	32.3	29.4	21.0	22.0	32.3	29.4	254.9	231.1	148.4	153.8	254.9	231.1
2004	212.6	216.3	127.0	128.0	212.6	216.3	26.1	26.1	26.8	25.9	26.1	26.1	238.7	242.4	153.8	153.9	238.7	242.4
2005	230.4	223.4	137.9	136.7	230.4	223.4	24.6	24.1	17.8	17.1	24.6	24.1	255.0	247.5	155.7	153.8	255.0	247.5
2006	207.9	190.3	126.8	133.4	207.9	190.3	20.7	19.2	16.2	17.2	20.7	19.2	228.6	209.5	143.0	150.6	228.6	209.5
2007	225.4	191.7	123.4	136.9	225.4	191.7	25.2	31.7	21.3	22.0	25.2	31.7	250.6	223.5	144.7	158.9	250.6	223.5
2008	217.7	215.3	126.5	136.0	217.7	215.3	27.0	27.3	21.9	19.8	27.0	27.3	244.8	242.6	148.4	155.8	244.8	242.6
2009		216.4		135.7		216.4		27.7		20.8		27.7		244.1		156.5		244.1
2010		218.2		137.0		218.2		27.9		20.9		27.9		246.1		157.9		246.1
2011		221.0		139.0		221.0		27.9		20.9		27.9		248.9		159.9		248.9
2012		225.5		141.8		225.5		27.8		21.0		27.8		253.4		162.9		253.4
2013		230.3		144.3		230.3		28.0		21.2		28.0		258.4		165.5		258.4
2014		233.8		146.3		233.8		28.2		21.4		28.2		262.1		167.7		262.1
2015		236.9		148.0		236.9		28.5		21.8		28.5		265.4		169.8		265.4
2016		239.6		149.6		239.6		28.8		22.1		28.8		268.4		171.7		268.4
2017		241.3		150.7		241.3		29.1		22.4		29.1		270.4		173.1		270.4
2018		242.7		151.6		242.7		29.4		22.7		29.4		272.1		174.4		272.1
2019		244.0		152.6		244.0		29.7		23.1		29.7		273.8		175.7		273.8
2020		245.5		153.7		245.5		30.1		23.4		30.1		275.6		177.1		275.6
2021		247.3		154.8		247.3		30.5		23.8		30.5		277.7		178.6		277.7
2022		248.7		155.8		248.7		30.8		24.1		30.8		279.5		179.9		279.5
2023		250.2		156.8		250.2		31.2		24.5		31.2		281.4		181.2		281.4
2024		252.2		158.2		252.2		31.6		24.8		31.6		283.8		183.0		283.8
2025		254.8		159.9		254.8		32.0		25.2		32.0		286.8		185.1		286.8
2026		257.5		161.7		257.5		32.4		25.6		32.4		289.8		187.3		289.8
2027		260.5		163.6		260.5		32.8		25.9		32.8		293.3		189.5		293.3
2028		263.3		165.5		263.3		33.1		26.2		33.1		296.4		191.7		296.4
2029		266.5		167.5		266.5		33.4		26.5		33.4		299.8		194.1		299.8
2030		269.6		169.9		269.6		33.6		26.8		33.6		303.2		196.7		303.2
96-'08	2.5%	3.9%	0.8%	1.4%	2.5%	3.9%	2.9%	2.8%	-0.1%	2.7%	2.9%	2.8%	2.6%	3.7%	0.7%	1.6%	2.6%	3.7%
08-'10		0.7%		0.4%		0.7%		1.0%		2.8%		1.0%		0.7%		0.7%		0.7%
10-'15		1.7%		1.6%		1.7%		0.4%		0.8%		0.4%		1.5%		1.5%		1.5%
15-'20		0.7%		0.8%		0.7%		1.1%		1.5%		1.1%		0.8%		0.9%		0.8%
20-'25		0.7%		0.8%		0.7%		1.2%		1.5%		1.2%		0.8%		0.9%		0.8%
25-'30		1.1%		1.2%		1.1%		1.0%		1.2%		1.0%		1.1%		1.2%		1.1%
08-'30		1.0%		1.0%		1.0%		0.9%		1.4%		0.9%		1.0%		1.1%		1.0%



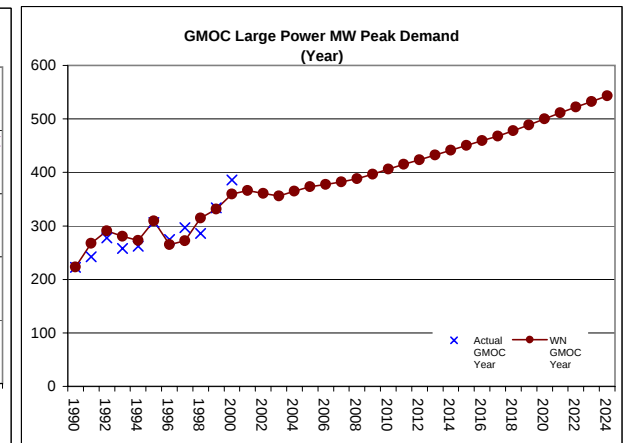
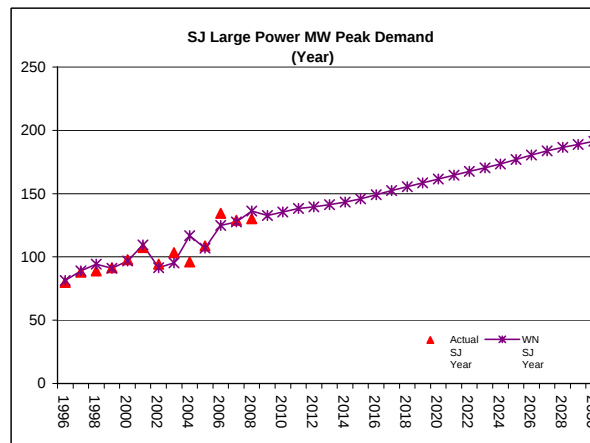
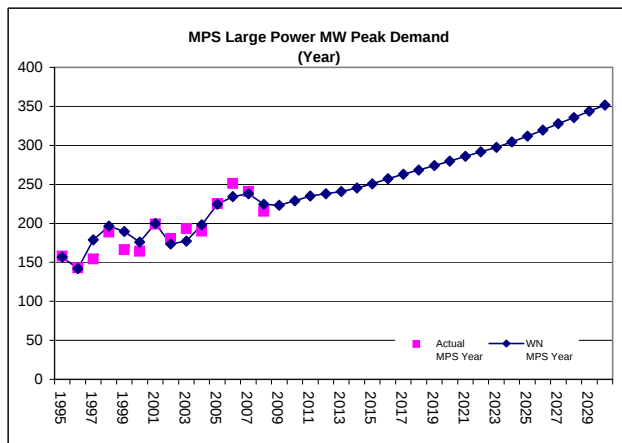
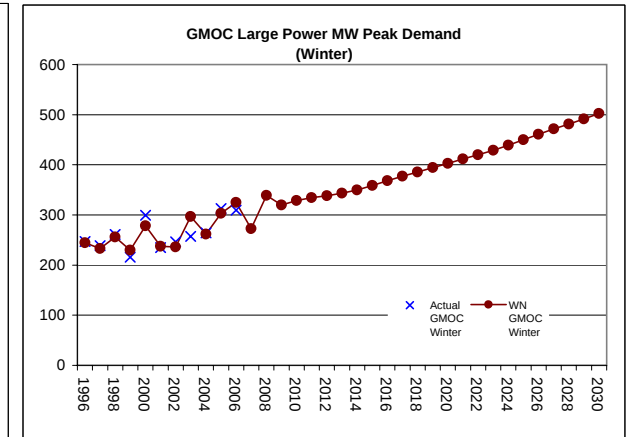
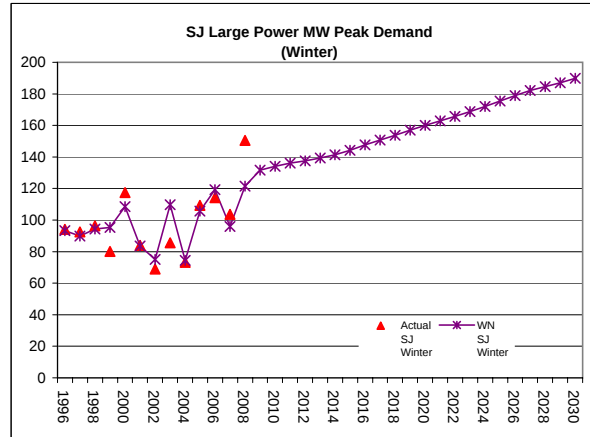
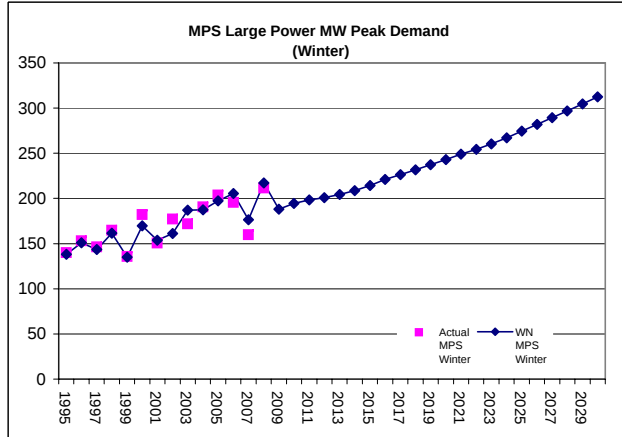
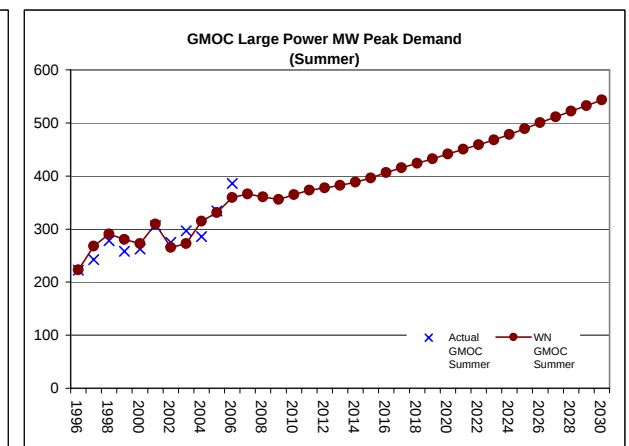
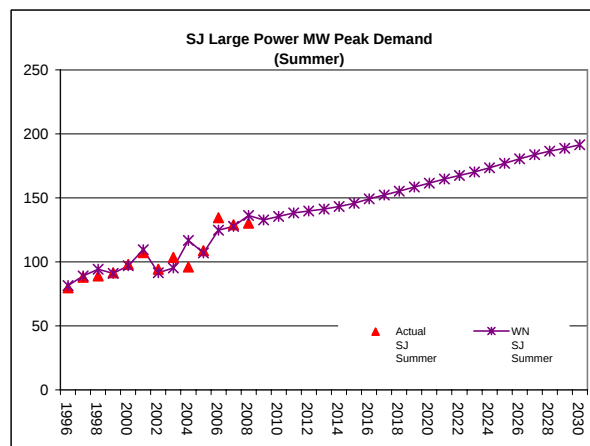
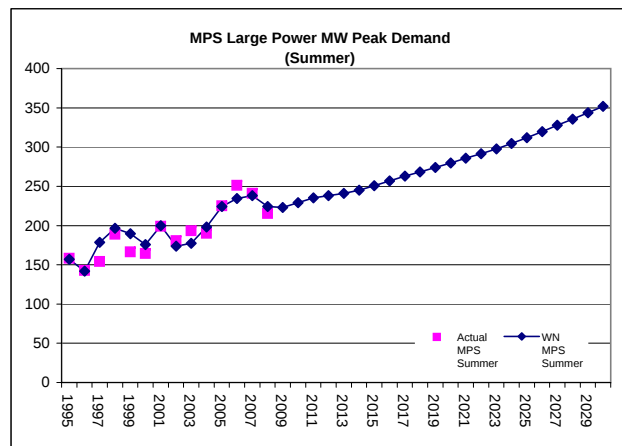
Plot I-3 MPS & SJ Large General Service MW Peak Demand
(Actual vs. Weather Normalized)

Year	Actual MPS Summer	WN MPS Summer	Actual MPS Winter	WN MPS Winter	Actual MPS Year	WN MPS Year	Actual SJ Summer	WN SJ Summer	Actual SJ Winter	WN SJ Winter	Actual SJ Year	WN SJ Year	Actual GMOC Summer	WN GMOC Summer	Actual GMOC Winter	WN GMOC Winter	Actual GMOC Year	WN GMOC Year
1990	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1991	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1992	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1993	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1995	121.7	119.1	90.9	92.0	121.7	119.1	-	-	-	-	-	-	-	-	-	-	-	-
1996	111.7	113.6	100.1	101.2	111.7	113.6	57.5	58.4	71.6	51.9	57.5	58.4	169.2	172.1	171.7	153.0	169.2	172.1
1997	114.4	131.9	94.3	93.7	114.4	131.9	62.4	63.6	71.9	69.5	62.4	63.6	176.8	195.5	166.2	163.2	176.8	195.5
1998	142.5	147.0	114.2	115.6	142.5	147.0	67.2	70.4	55.9	54.8	67.2	70.4	209.8	217.4	170.1	170.4	209.8	217.4
1999	137.1	167.2	108.7	104.6	137.1	167.2	68.0	64.1	59.8	71.4	68.0	64.1	205.1	231.2	168.5	176.0	205.1	231.2
2000	155.4	131.9	126.7	121.7	155.4	131.9	66.1	72.1	70.7	65.7	66.1	72.1	221.5	204.1	197.4	187.4	221.5	204.1
2001	164.7	164.1	126.6	123.6	164.7	164.1	78.1	77.8	70.1	68.2	78.1	77.8	242.8	241.9	196.7	191.8	242.8	241.9
2002	163.8	158.7	114.5	107.1	163.8	158.7	86.2	83.0	68.4	71.2	86.2	83.0	250.0	241.8	182.9	178.3	250.0	241.8
2003	174.3	161.1	116.4	119.3	174.3	161.1	82.6	75.3	70.7	73.7	82.6	75.3	256.9	236.5	187.1	193.0	256.9	236.5
2004	157.1	161.4	121.1	122.9	157.1	161.4	70.4	77.7	84.9	82.2	70.4	77.7	227.4	239.1	206.0	205.1	227.4	239.1
2005	190.0	187.5	133.3	131.2	190.0	187.5	78.6	77.2	69.3	66.9	78.6	77.2	268.6	264.7	202.6	198.0	268.6	264.7
2006	195.7	184.2	124.1	133.5	195.7	184.2	86.3	80.2	63.1	66.9	86.3	80.2	282.1	264.3	187.2	200.4	282.1	264.3
2007	188.1	194.5	122.2	132.3	188.1	194.5	86.3	90.8	79.4	76.3	86.3	90.8	285.4	285.4	208.6	208.6	285.4	285.4
2008	188.4	180.7	155.7	145.2	188.4	180.7	75.2	84.0	77.6	72.1	75.2	84.0	264.6	264.6	217.2	217.2	264.6	264.6
2009		180.5		134.3		180.5		87.2		75.7		87.2		267.8		210.1		267.8
2010		181.9		140.1		181.9		87.1		75.8		87.1		269.0		215.9		269.0
2011		192.3		148.7		192.3		87.2		76.2		87.2		279.5		224.9		279.5
2012		202.4		154.9		202.4		87.5		76.6		87.5		289.9		231.5		289.9
2013		207.7		158.1		207.7		87.9		77.0		87.9		295.6		235.1		295.6
2014		210.4		160.2		210.4		88.2		77.4		88.2		298.6		237.6		298.6
2015		212.3		161.9		212.3		88.7		77.9		88.7		300.9		239.7		300.9
2016		213.8		163.9		213.8		89.4		78.6		89.4		303.2		242.5		303.2
2017		215.5		165.7		215.5		90.2		79.4		90.2		305.7		245.1		305.7
2018		217.1		167.2		217.1		91.2		80.3		91.2		308.3		247.5		308.3
2019		218.0		169.0		218.0		92.3		81.3		92.3		310.3		250.3		310.3
2020		220.1		171.1		220.1		93.6		82.4		93.6		313.7		253.5		313.7
2021		222.1		173.0		222.1		95.0		83.5		95.0		317.1		256.6		317.1
2022		223.9		174.9		223.9		96.4		84.7		96.4		320.2		259.6		320.2
2023		225.8		177.0		225.8		97.8		85.9		97.8		323.6		262.9		323.6
2024		228.8		180.0		228.8		99.3		87.2		99.3		328.1		267.2		328.1
2025		232.6		183.6		232.6		101.0		88.5		101.0		333.6		272.1		333.6
2026		236.8		187.4		236.8		102.6		89.8		102.6		339.4		277.3		339.4
2027		241.2		191.3		241.2		104.4		91.2		104.4		345.6		282.5		345.6
2028		245.7		195.4		245.7		106.1		92.6		106.1		351.8		288.0		351.8
2029		250.9		200.1		250.9		107.8		94.1		107.8		358.6		294.2		358.6
2030		256.4		205.3		256.4		109.4		95.5		109.4		365.8		300.8		365.8
96-'08	4.5%	3.9%	3.8%	3.1%	4.5%	3.9%	2.3%	3.1%	0.7%	2.8%	2.3%	3.1%	-100.0%	3.7%	-100.0%	3.0%	-100.0%	3.7%
08-'10		0.3%		-1.8%		0.3%		1.8%		2.6%		1.8%		0.8%		-0.3%		0.8%
10-'15		3.1%		2.9%		3.1%		0.4%		0.5%		0.4%		2.3%		2.1%		2.3%
15-'20		0.7%		1.1%		0.7%		1.1%		1.1%		0.8%		0.8%		1.1%		0.8%
20-'25		1.1%		1.4%		1.1%		1.5%		1.4%		1.5%		1.2%		1.4%		1.2%
25-'30		2.0%		2.3%		2.0%		1.6%		1.5%		1.6%		1.9%		2.0%		1.9%
08-'30		1.6%		1.6%		1.6%		1.2%		1.3%		1.2%		1.5%		1.5%		1.5%



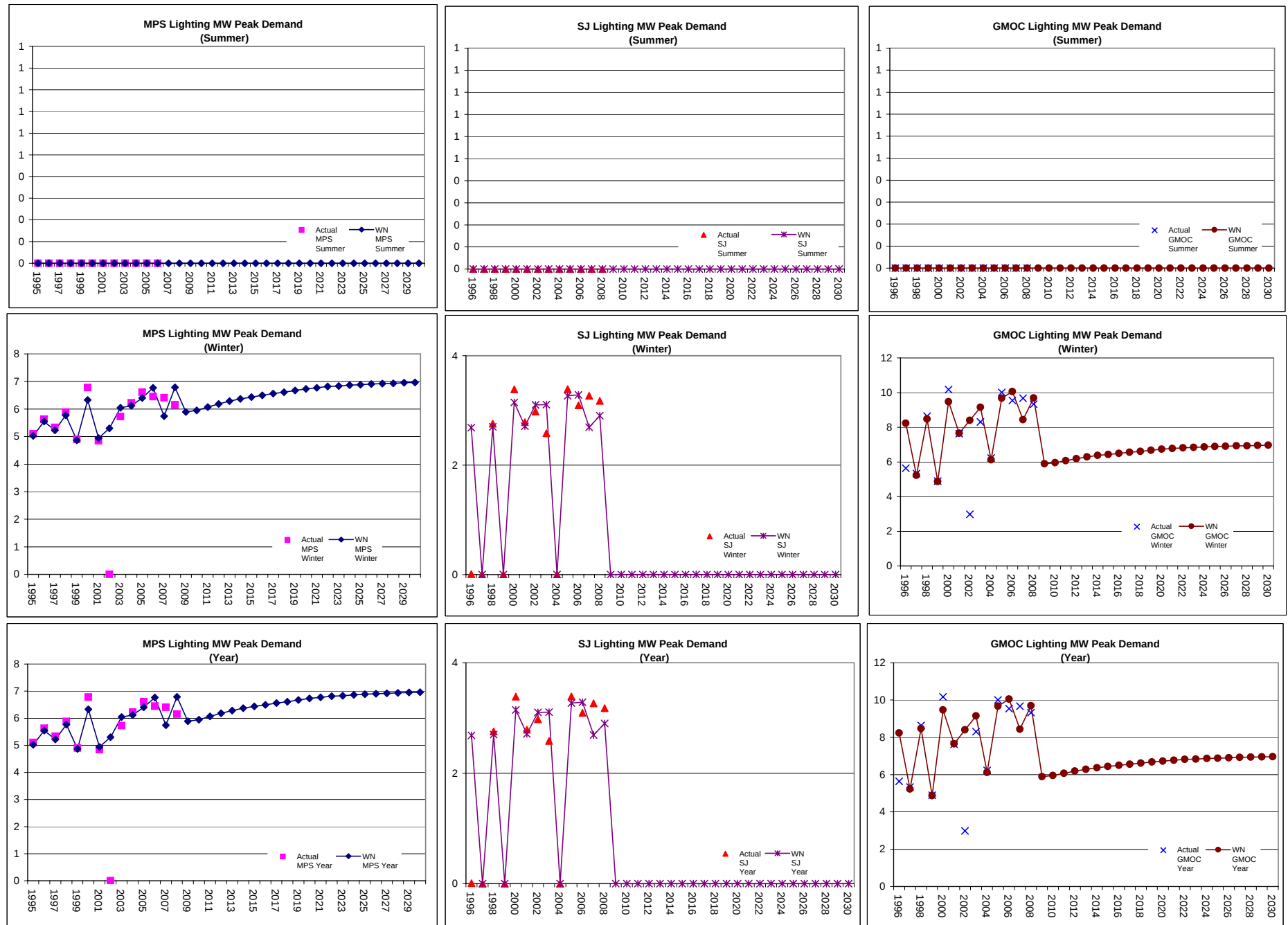
**Plot I-4 MPS & SJ Large Power MW Peak Demand
(Actual vs. Weather Normalized)**

Year	Actual MPS Summer	WN MPS Summer	Actual MPS Winter	WN MPS Winter	Actual MPS Year	WN MPS Year	Actual SJ Summer	WN SJ Summer	Actual SJ Winter	WN SJ Winter	Actual SJ Year	WN SJ Year	Actual GMOC Summer	WN GMOC Summer	Actual GMOC Winter	WN GMOC Winter	Actual GMOC Year	WN GMOC Year
1990	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1991	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1992	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1993	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1995	158.1	156.8	140.1	138.0	158.1	156.8	-	-	-	-	-	-	-	-	-	-	-	-
1996	142.8	141.8	153.2	150.9	142.8	141.8	79.8	81.5	94.1	93.3	79.8	81.5	222.6	223.3	247.2	244.2	222.6	223.3
1997	154.3	178.7	146.3	143.3	154.3	178.7	88.0	89.0	92.4	89.8	88.0	89.0	242.3	267.6	238.7	233.1	242.3	267.6
1998	188.8	196.6	164.9	161.7	188.8	196.6	89.0	94.3	96.3	94.4	89.0	94.3	277.8	290.9	261.2	256.0	277.8	290.9
1999	166.2	189.5	135.7	134.8	166.2	189.5	91.6	90.9	80.2	95.3	91.6	90.9	257.8	280.4	215.9	230.1	257.8	280.4
2000	164.2	175.9	182.0	169.8	164.2	175.9	97.9	96.9	117.4	108.6	97.9	96.9	262.2	272.7	299.4	278.4	262.2	272.7
2001	199.1	199.9	150.7	153.7	199.1	199.9	107.4	109.4	84.0	83.6	107.4	109.4	306.5	309.4	234.7	237.3	306.5	309.4
2002	180.6	173.7	177.1	161.1	180.6	173.7	94.3	91.4	69.0	75.0	94.3	91.4	274.8	265.1	246.2	236.1	274.8	265.1
2003	193.3	177.2	171.7	187.1	193.3	177.2	103.4	95.2	85.6	109.7	103.4	95.2	296.7	272.4	257.3	296.8	296.7	272.4
2004	189.9	198.1	190.7	187.5	189.9	198.1	96.0	116.7	73.3	74.3	96.0	116.7	286.0	314.8	264.0	261.8	286.0	314.8
2005	225.3	224.3	203.8	197.3	225.3	224.3	108.7	107.0	109.3	105.6	108.7	107.0	334.0	331.2	313.0	302.9	334.0	331.2
2006	251.2	234.4	195.6	205.3	251.2	234.4	134.6	124.9	114.1	119.3	134.6	124.9	385.7	359.3	309.7	324.7	385.7	359.3
2007	241.0	238.1	159.7	176.4	241.0	238.1	128.9	127.8	103.7	95.9	128.9	127.8		365.9		272.4		365.9
2008	215.2	224.2	211.6	217.3	215.2	224.2	130.3	136.2	150.6	121.5	130.3	136.2		360.4		338.8		360.4
2009		223.1		188.0		223.1		132.7		131.6		132.7		355.8		319.6		355.8
2010		229.1		194.3		229.1		135.6		134.1		135.6		364.6		328.4		364.6
2011		235.1		198.4		235.1		138.2		136.1		138.2		373.4		334.5		373.4
2012		238.0		201.0		238.0		139.7		137.5		139.7		377.6		338.5		377.6
2013		241.0		204.3		241.0		141.4		139.3		141.4		382.4		343.6		382.4
2014		245.2		208.8		245.2		143.3		141.3		143.3		388.5		350.0		388.5
2015		250.6		214.5		250.6		145.8		144.2		145.8		396.4		358.7		396.4
2016		257.1		220.9		257.1		149.1		147.6		149.1		406.2		368.5		406.2
2017		262.9		226.4		262.9		152.3		150.7		152.3		415.2		377.0		415.2
2018		268.3		231.6		268.3		155.3		153.8		155.3		423.7		385.4		423.7
2019		274.0		237.4		274.0		158.5		156.9		158.5		432.4		394.4		432.4
2020		279.8		243.1		279.8		161.6		160.0		161.6		441.4		403.1		441.4
2021		285.8		248.9		285.8		164.6		163.0		164.6		450.5		411.8		450.5
2022		291.6		254.4		291.6		167.5		165.8		167.5		459.2		420.2		459.2
2023		297.5		260.3		297.5		170.4		168.7		170.4		467.9		428.9		467.9
2024		304.4		267.1		304.4		173.5		172.0		173.5		477.9		439.1		477.9
2025		311.9		274.4		311.9		177.0		175.4		177.0		488.9		449.8		488.9
2026		319.8		282.0		319.8		180.5		178.9		180.5		500.2		460.9		500.2
2027		327.8		289.4		327.8		183.8		182.1		183.8		511.6		471.5		511.6
2028		335.5		296.8		335.5		186.6		184.5		186.6		522.1		481.3		522.1
2029		343.6		304.5		343.6		188.9		187.0		188.9		532.5		491.5		532.5
2030		351.7		312.5		351.7		191.4		189.8		191.4		543.2		502.3		543.2
96-'08	3.5%	3.9%	2.7%	3.1%	3.5%	3.9%	4.2%	4.4%	4.0%	2.2%	4.2%	4.4%	-100.0%	4.1%	-100.0%	2.8%	-100.0%	4.1%
08-'10		1.1%		-5.4%		1.1%		-0.2%		5.1%		-0.2%		0.6%		-1.5%		0.6%
10-'15		1.8%		2.0%		1.8%		1.5%		1.5%		1.5%		1.7%		1.8%		1.7%
15-'20		2.2%		2.5%		2.2%		2.1%		2.1%		2.1%		2.2%		2.4%		2.2%
20-'25		2.2%		2.5%		2.2%		1.8%		1.9%		1.8%		2.1%		2.2%		2.1%
25-'30		2.4%		2.6%		2.4%		1.6%		1.6%		1.6%		2.1%		2.2%		2.1%
08-'30		2.1%		1.7%		2.1%		1.6%		2.0%		1.6%		1.9%		1.8%		1.9%



Plot I-5 MPS & SJ Lighting MW Peak Demand
(Actual vs. Weather Normalized)

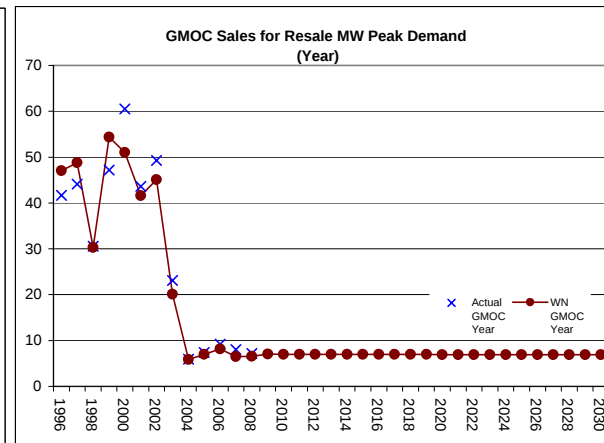
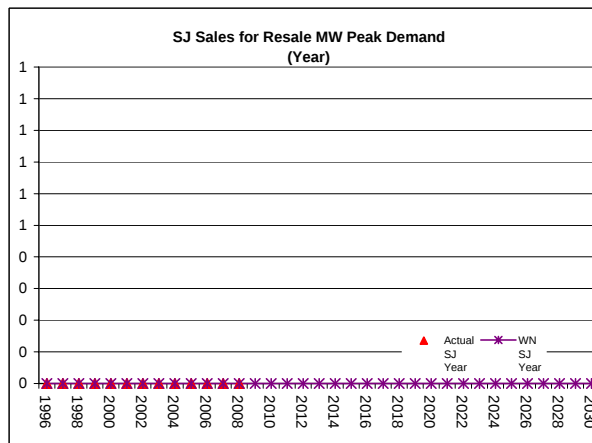
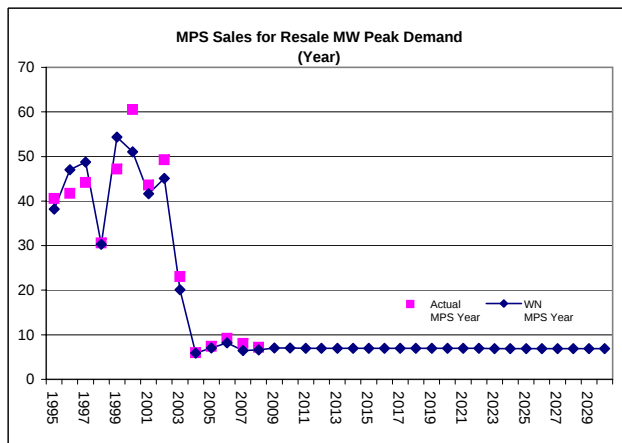
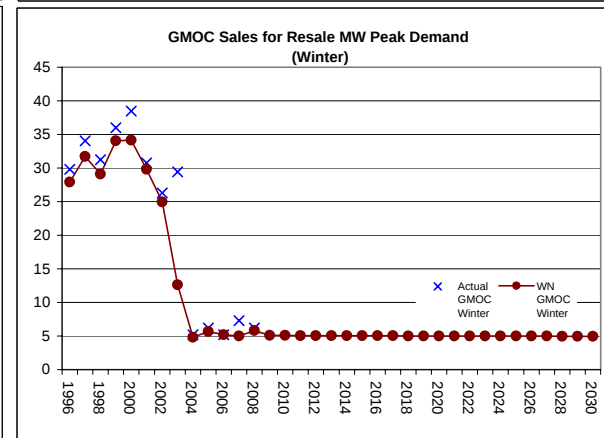
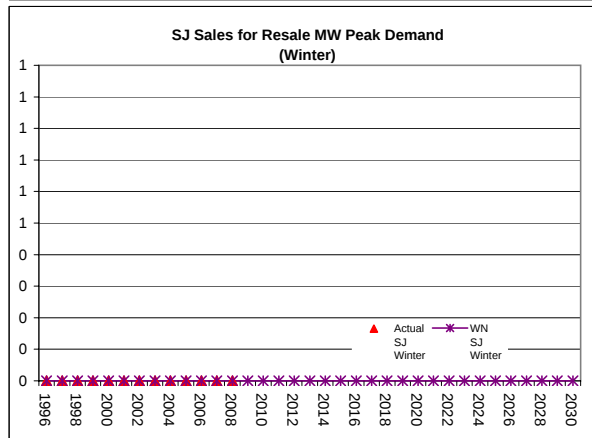
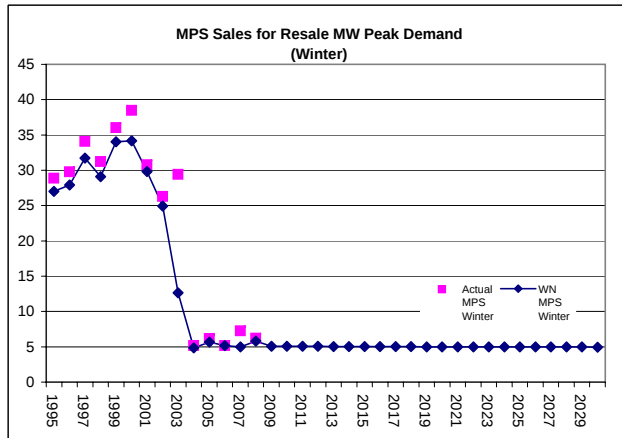
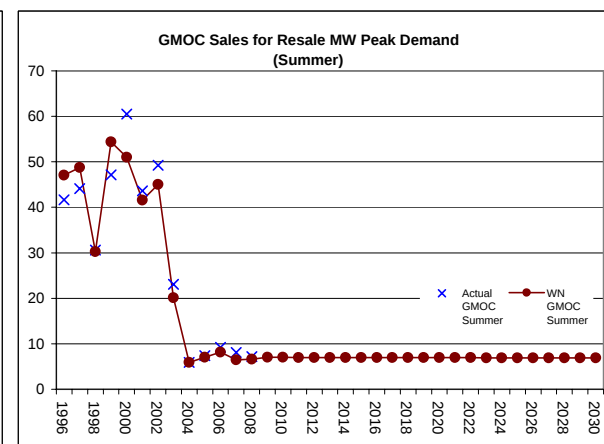
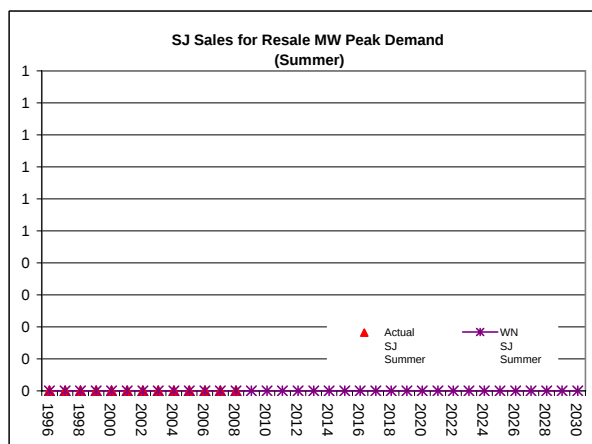
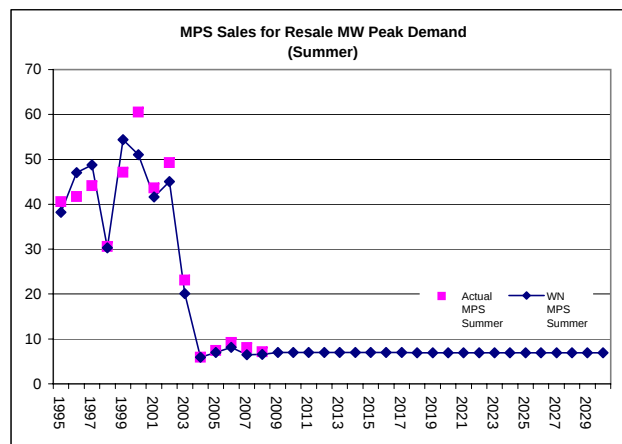
Year	Actual MPS Summer	WN MPS Summer	Actual MPS Winter	WN MPS Winter	Actual MPS Year	WN MPS Year	Actual SJ Summer	WN SJ Summer	Actual SJ Winter	WN SJ Winter	Actual SJ Year	WN SJ Year	Actual GMOC Summer	WN GMOC Summer	Actual GMOC Winter	WN GMOC Winter	Actual GMOC Year	WN GMOC Year
1990	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1991	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1992	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1993	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1995	-	-	5.1	5.0	5.1	5.0	-	-	-	-	-	-	-	-	-	-	-	-
1996	-	-	5.6	5.5	5.6	5.5	-	-	0.0	2.7	0.0	2.7	-	-	5.6	8.2	5.6	8.2
1997	-	-	5.3	5.2	5.3	5.2	-	-	0.0	0.0	0.0	0.0	-	-	5.3	5.2	5.3	5.2
1998	-	-	5.9	5.8	5.9	5.8	-	-	2.8	2.7	2.8	2.7	-	-	8.6	8.5	8.6	8.5
1999	-	-	4.9	4.9	4.9	4.9	-	-	0.0	0.0	0.0	0.0	-	-	4.9	4.9	4.9	4.9
2000	-	-	6.8	6.3	6.8	6.3	-	-	3.4	3.1	3.4	3.1	-	-	10.2	9.5	10.2	9.5
2001	-	-	4.8	4.9	4.8	4.9	-	-	2.8	2.7	2.8	2.7	-	-	7.6	7.7	7.6	7.7
2002	-	-	0.0	5.3	0.0	5.3	-	-	3.0	3.1	3.0	3.1	-	-	3.0	8.4	3.0	8.4
2003	-	-	5.7	6.0	5.7	6.0	-	-	2.6	3.1	2.6	3.1	-	-	8.3	9.2	8.3	9.2
2004	-	-	6.2	6.1	6.2	6.1	-	-	0.0	0.0	0.0	0.0	-	-	6.2	6.1	6.2	6.1
2005	-	-	6.6	6.4	6.6	6.4	-	-	3.4	3.3	3.4	3.3	-	-	10.0	9.7	10.0	9.7
2006	-	-	6.4	6.8	6.4	6.8	-	-	3.1	3.3	3.1	3.3	-	-	9.5	10.1	9.5	10.1
2007	-	-	6.4	5.7	6.4	5.7	-	-	3.3	2.7	3.3	2.7	-	-	9.7	8.4	9.7	8.4
2008	-	-	6.2	6.8	6.2	6.8	-	-	3.2	2.9	3.2	2.9	-	-	9.3	9.7	9.3	9.7
2009	-	-	-	5.9	-	5.9	-	-	-	0.0	-	0.0	-	-	-	5.9	-	5.9
2010	-	-	-	5.9	-	5.9	-	-	-	0.0	-	0.0	-	-	-	5.9	-	5.9
2011	-	-	-	6.1	-	6.1	-	-	-	0.0	-	0.0	-	-	-	6.1	-	6.1
2012	-	-	-	6.2	-	6.2	-	-	-	0.0	-	0.0	-	-	-	6.2	-	6.2
2013	-	-	-	6.3	-	6.3	-	-	-	0.0	-	0.0	-	-	-	6.3	-	6.3
2014	-	-	-	6.4	-	6.4	-	-	-	0.0	-	0.0	-	-	-	6.4	-	6.4
2015	-	-	-	6.4	-	6.4	-	-	-	0.0	-	0.0	-	-	-	6.4	-	6.4
2016	-	-	-	6.5	-	6.5	-	-	-	0.0	-	0.0	-	-	-	6.5	-	6.5
2017	-	-	-	6.6	-	6.6	-	-	-	0.0	-	0.0	-	-	-	6.6	-	6.6
2018	-	-	-	6.6	-	6.6	-	-	-	0.0	-	0.0	-	-	-	6.6	-	6.6
2019	-	-	-	6.7	-	6.7	-	-	-	0.0	-	0.0	-	-	-	6.7	-	6.7
2020	-	-	-	6.7	-	6.7	-	-	-	0.0	-	0.0	-	-	-	6.7	-	6.7
2021	-	-	-	6.8	-	6.8	-	-	-	0.0	-	0.0	-	-	-	6.8	-	6.8
2022	-	-	-	6.8	-	6.8	-	-	-	0.0	-	0.0	-	-	-	6.8	-	6.8
2023	-	-	-	6.8	-	6.8	-	-	-	0.0	-	0.0	-	-	-	6.8	-	6.8
2024	-	-	-	6.9	-	6.9	-	-	-	0.0	-	0.0	-	-	-	6.9	-	6.9
2025	-	-	-	6.9	-	6.9	-	-	-	0.0	-	0.0	-	-	-	6.9	-	6.9
2026	-	-	-	6.9	-	6.9	-	-	-	0.0	-	0.0	-	-	-	6.9	-	6.9
2027	-	-	-	6.9	-	6.9	-	-	-	0.0	-	0.0	-	-	-	6.9	-	6.9
2028	-	-	-	6.9	-	6.9	-	-	-	0.0	-	0.0	-	-	-	6.9	-	6.9
2029	-	-	-	7.0	-	7.0	-	-	-	0.0	-	0.0	-	-	-	7.0	-	7.0
2030	-	-	-	7.0	-	7.0	-	-	-	0.0	-	0.0	-	-	-	7.0	-	7.0
96-'08	0.7%						61.6%						4.3%					
08-'10													-21.6%					
10-'15													1.6%					
15-'20													0.9%					
20-'25													0.5%					
25-'30													0.2%					
08-'30													-1.5%					



**The zero data points in the charts represents no lighting load due to the coincident system peak occurring later in the morning or earlier in the evening.

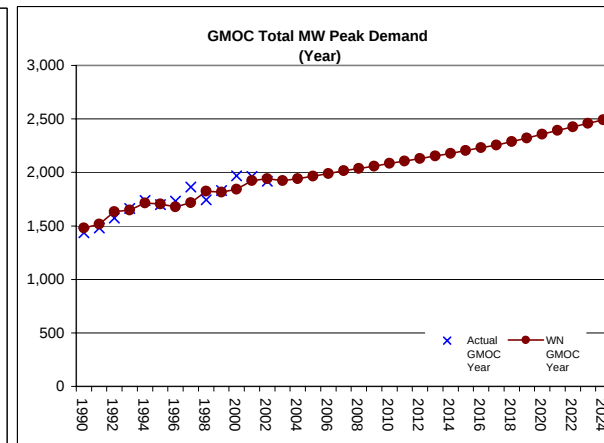
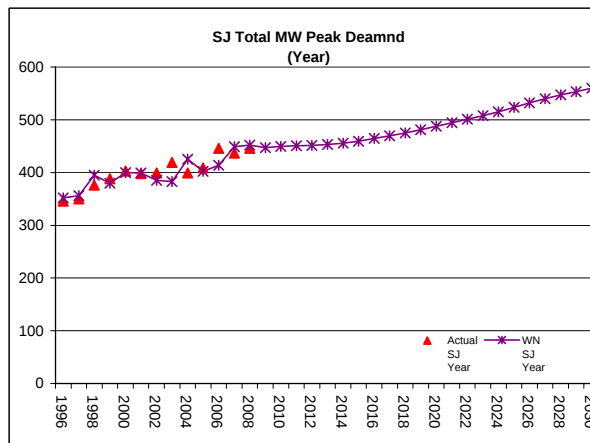
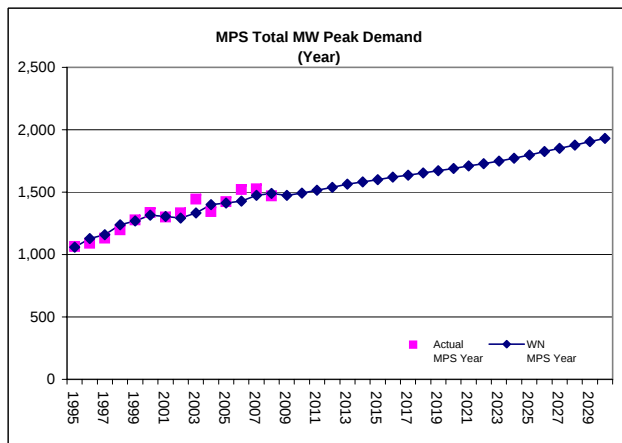
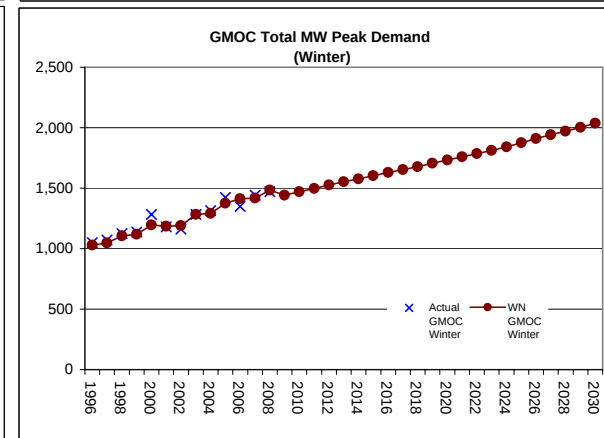
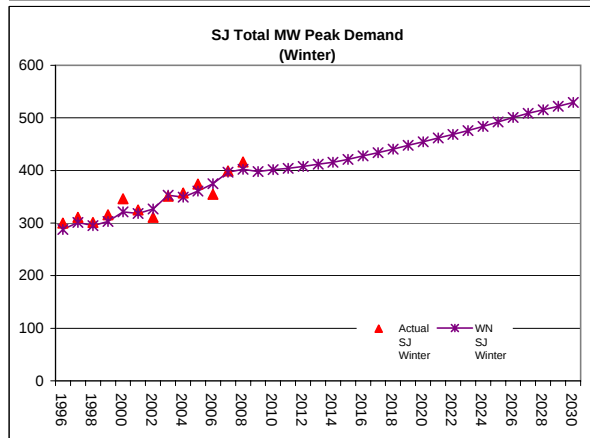
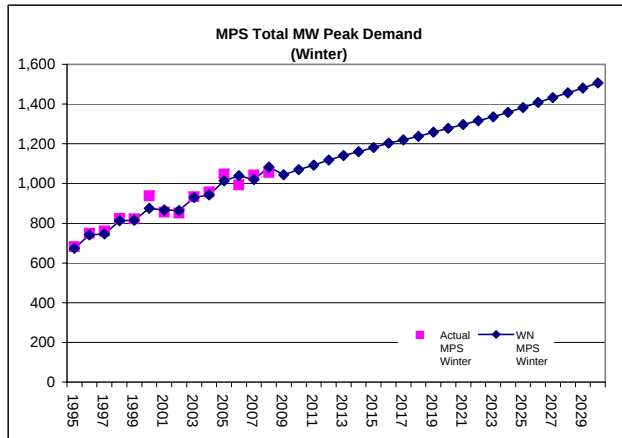
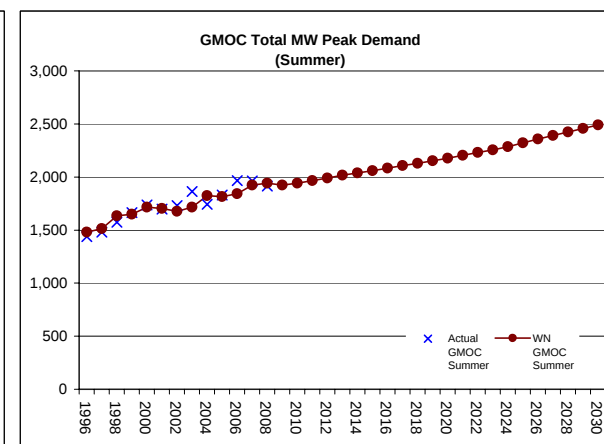
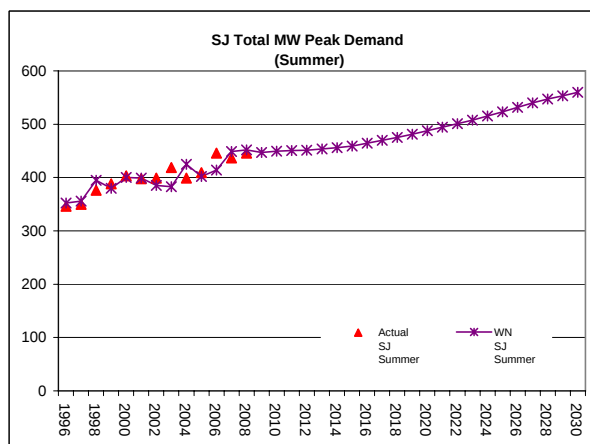
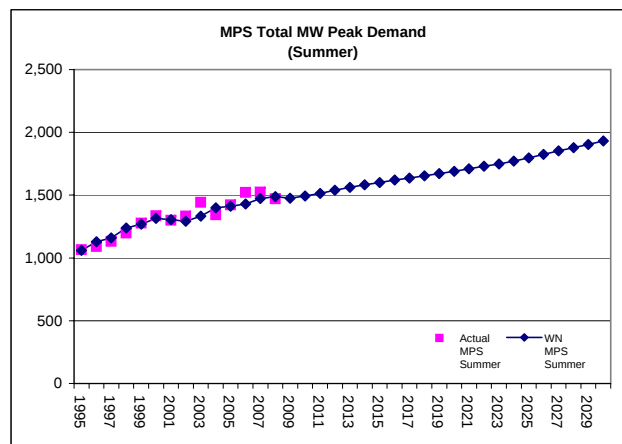
Plot I-6 MPS & SJ Sales for Resale MW Peak Demand
(Actual vs. Weather Normalized)

Year	Actual MPS Summer	WN MPS Summer	Actual MPS Winter	WN MPS Winter	Actual MPS Year	WN MPS Year	Actual SJ Summer	WN SJ Summer	Actual SJ Winter	WN SJ Winter	Actual SJ Year	WN SJ Year	Actual GMOC Summer	WN GMOC Summer	Actual GMOC Winter	WN GMOC Winter	Actual GMOC Year	WN GMOC Year
1990	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1991	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1992	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1993	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1995	40.5	38.2	28.9	27.0	40.5	38.2	-	-	-	-	-	-	-	-	-	-	-	-
1996	41.7	47.0	29.8	27.9	41.7	47.0	0.0	0.0	0.0	0.0	0.0	0.0	41.7	47.0	29.8	27.9	41.7	47.0
1997	44.1	48.8	34.1	31.7	44.1	48.8	0.0	0.0	0.0	0.0	0.0	0.0	44.1	48.8	34.1	31.7	44.1	48.8
1998	30.6	30.3	31.2	29.1	30.6	30.3	0.0	0.0	0.0	0.0	0.0	0.0	30.6	30.3	31.2	29.1	30.6	30.3
1999	47.2	54.4	36.0	34.0	47.2	54.4	0.0	0.0	0.0	0.0	0.0	0.0	47.2	54.4	36.0	34.0	47.2	54.4
2000	60.5	51.0	38.5	34.1	60.5	51.0	0.0	0.0	0.0	0.0	0.0	0.0	60.5	51.0	38.5	34.1	60.5	51.0
2001	43.6	41.6	30.8	29.8	43.6	41.6	0.0	0.0	0.0	0.0	0.0	0.0	43.6	41.6	30.8	29.8	43.6	41.6
2002	49.3	45.1	26.3	24.9	49.3	45.1	0.0	0.0	0.0	0.0	0.0	0.0	49.3	45.1	26.3	24.9	49.3	45.1
2003	23.1	20.1	29.4	12.6	23.1	20.1	0.0	0.0	0.0	0.0	0.0	0.0	23.1	20.1	29.4	12.6	23.1	20.1
2004	5.9	5.9	5.2	4.8	5.9	5.9	0.0	0.0	0.0	0.0	0.0	0.0	5.9	5.9	5.2	4.8	5.9	5.9
2005	7.4	7.0	6.2	5.7	7.4	7.0	0.0	0.0	0.0	0.0	0.0	0.0	7.4	7.0	6.2	5.7	7.4	7.0
2006	9.2	8.2	5.2	5.2	9.2	8.2	0.0	0.0	0.0	0.0	0.0	0.0	9.2	8.2	5.2	5.2	9.2	8.2
2007	8.1	6.5	7.3	5.0	8.1	6.5	0.0	0.0	0.0	0.0	0.0	0.0	8.1	6.5	7.3	5.0	8.1	6.5
2008	7.2	6.6	6.2	5.8	7.2	6.6	0.0	0.0	0.0	0.0	0.0	0.0	7.2	6.6	6.2	5.8	7.2	6.6
2009		7.0		5.1		7.0		0.0		0.0		0.0		7.0		5.1		7.0
2010		7.0		5.1		7.0		0.0		0.0		0.0		7.0		5.1		7.0
2011		7.0		5.1		7.0		0.0		0.0		0.0		7.0		5.1		7.0
2012		7.0		5.1		7.0		0.0		0.0		0.0		7.0		5.1		7.0
2013		7.0		5.0		7.0		0.0		0.0		0.0		7.0		5.0		7.0
2014		7.0		5.0		7.0		0.0		0.0		0.0		7.0		5.0		7.0
2015		7.0		5.0		7.0		0.0		0.0		0.0		7.0		5.0		7.0
2016		7.0		5.0		7.0		0.0		0.0		0.0		7.0		5.0		7.0
2017		7.0		5.0		7.0		0.0		0.0		0.0		7.0		5.0		7.0
2018		6.9		5.0		6.9		0.0		0.0		0.0		6.9		5.0		6.9
2019		6.9		5.0		6.9		0.0		0.0		0.0		6.9		5.0		6.9
2020		6.9		5.0		6.9		0.0		0.0		0.0		6.9		5.0		6.9
2021		6.9		5.0		6.9		0.0		0.0		0.0		6.9		5.0		6.9
2022		6.9		5.0		6.9		0.0		0.0		0.0		6.9		5.0		6.9
2023		6.9		5.0		6.9		0.0		0.0		0.0		6.9		5.0		6.9
2024		6.9		5.0		6.9		0.0		0.0		0.0		6.9		5.0		6.9
2025		6.9		5.0		6.9		0.0		0.0		0.0		6.9		5.0		6.9
2026		6.9		5.0		6.9		0.0		0.0		0.0		6.9		5.0		6.9
2027		6.9		5.0		6.9		0.0		0.0		0.0		6.9		5.0		6.9
2028		6.9		5.0		6.9		0.0		0.0		0.0		6.9		5.0		6.9
2029		6.9		5.0		6.9		0.0		0.0		0.0		6.9		5.0		6.9
2030		6.9		5.0		6.9		0.0		0.0		0.0		6.9		5.0		6.9
96-'08	-13.7%	-15.1%	-12.3%	-12.2%	-13.7%	-15.1%							-13.7%	-15.1%	-12.3%	-12.2%	-13.7%	-15.1%
08-'10		3.1%		-6.5%		3.1%								3.1%		-6.5%		3.1%
10-'15		-0.1%		-0.2%		-0.1%								-0.1%		-0.2%		-0.1%
15-'20		-0.1%		-0.1%		-0.1%								-0.1%		-0.1%		-0.1%
20-'25		0.0%		-0.1%		0.0%								0.0%		-0.1%		0.0%
25-'30		0.0%		-0.1%		0.0%								0.0%		-0.1%		0.0%
08-'30		0.2%		-0.7%		0.2%								0.2%		-0.7%		0.2%



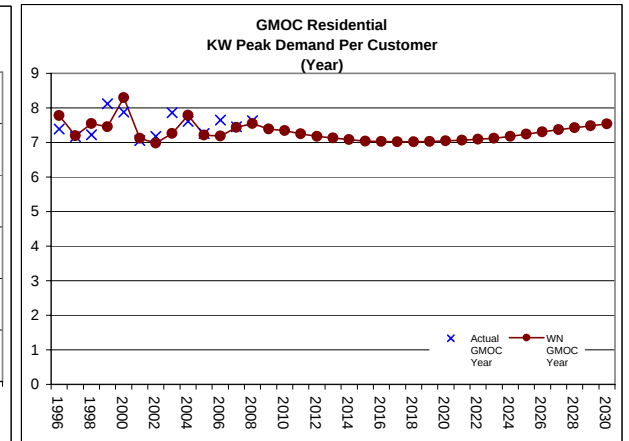
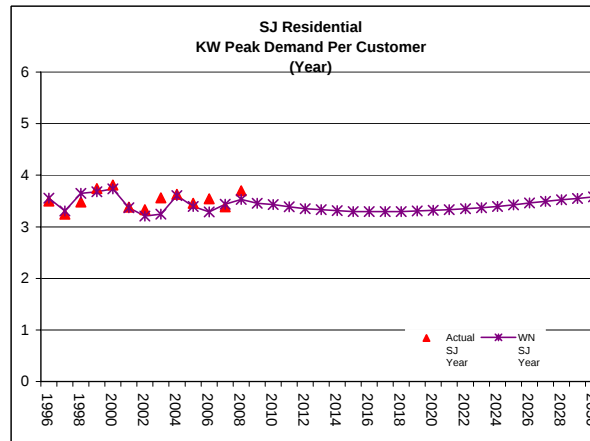
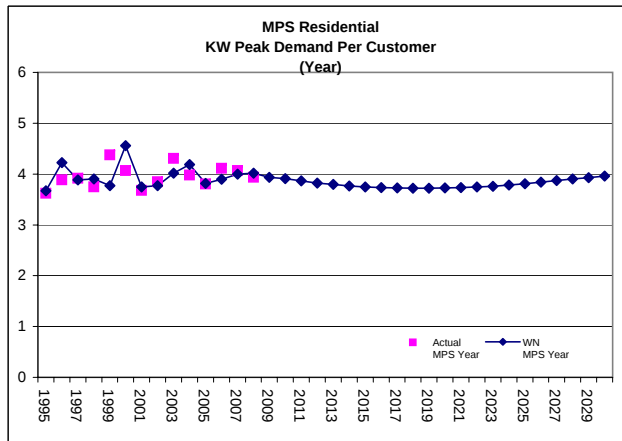
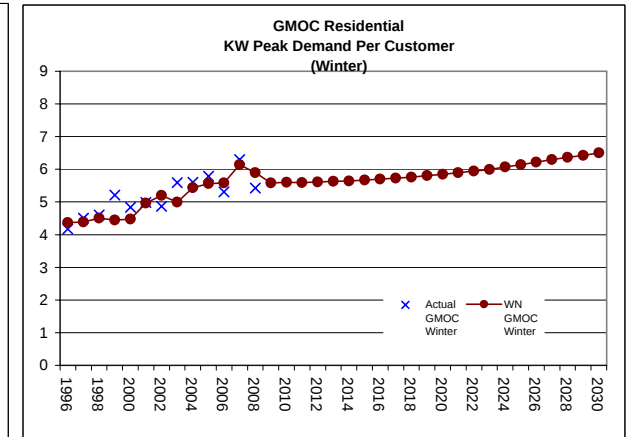
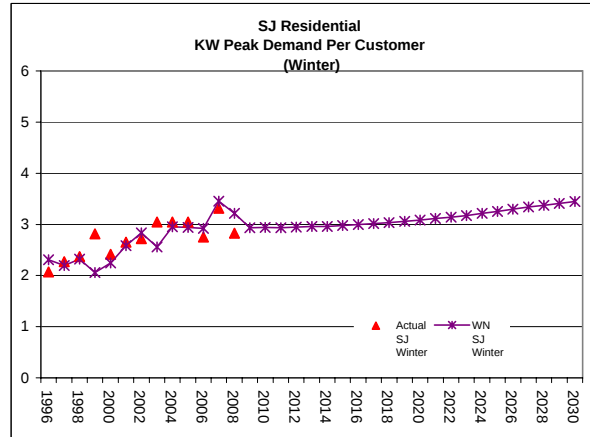
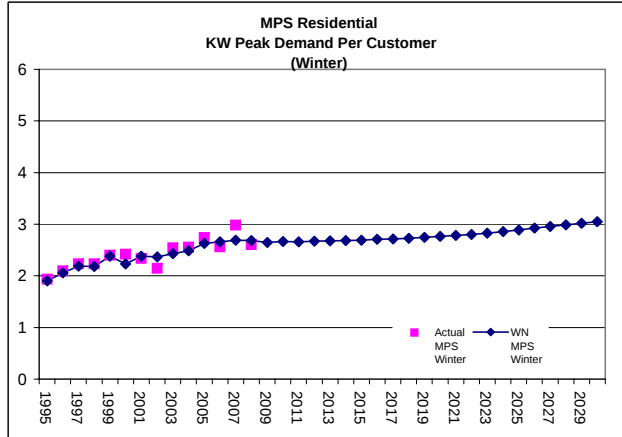
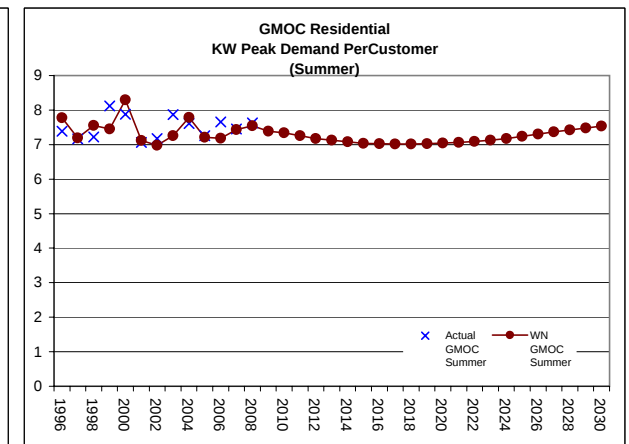
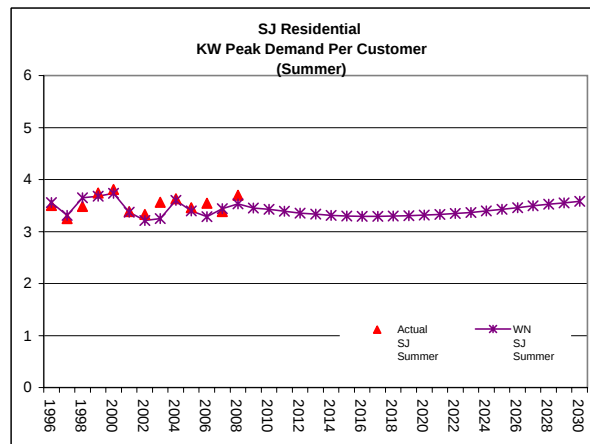
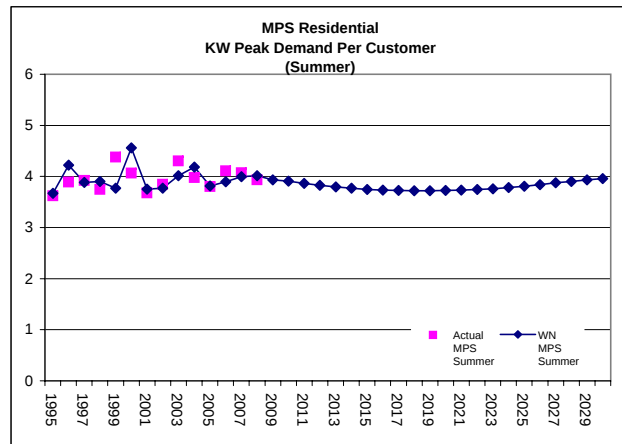
**Plot I-7 MPS & SJ Total System MW Peak Demand
(Actual vs. Weather Normalized)**

Year	Actual MPS Summer	WN MPS Summer	Actual MPS Winter	WN MPS Winter	Actual MPS Year	WN MPS Year	Actual SJ Summer	WN SJ Summer	Actual SJ Winter	WN SJ Winter	Actual SJ Year	WN SJ Year	Actual GMOC Summer	WN GMOC Summer	Actual GMOC Winter	WN GMOC Winter	Actual GMOC Year	WN GMOC Year
1990	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1991	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1992	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1993	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1995	1,064	1,060	681	673	1,064	1,060	-	-	-	-	-	-	-	-	-	-	-	-
1996	1,091	1,129	750	741	1,091	1,129	346	352	300	288	346	352	1,437	1,481	1,050	1,029	1,437	1,481
1997	1,131	1,159	760	746	1,131	1,159	350	356	311	301	350	356	1,481	1,515	1,071	1,047	1,481	1,515
1998	1,197	1,238	824	812	1,197	1,238	376	395	301	295	376	395	1,573	1,633	1,125	1,107	1,573	1,633
1999	1,276	1,269	822	816	1,276	1,269	388	380	316	303	388	380	1,664	1,649	1,138	1,119	1,664	1,649
2000	1,335	1,315	937	875	1,335	1,315	403	400	346	321	403	400	1,738	1,715	1,283	1,196	1,738	1,715
2001	1,300	1,306	856	867	1,300	1,306	398	399	325	318	398	399	1,698	1,705	1,181	1,185	1,698	1,705
2002	1,333	1,292	851	863	1,333	1,292	399	385	311	327	399	385	1,732	1,677	1,162	1,190	1,732	1,677
2003	1,443	1,334	933	929	1,443	1,334	419	383	351	353	419	383	1,862	1,717	1,284	1,282	1,862	1,717
2004	1,344	1,400	957	943	1,344	1,400	399	425	357	349	399	425	1,743	1,825	1,314	1,292	1,743	1,825
2005	1,422	1,413	1,048	1,014	1,422	1,413	409	402	374	361	409	402	1,831	1,815	1,422	1,375	1,831	1,815
2006	1,521	1,429	993	1,039	1,521	1,429	446	414	355	375	446	414	1,967	1,843	1,348	1,414	1,967	1,843
2007	1,525	1,474	1,042	1,020	1,525	1,474	437	449	399	397	437	449	1,962	1,923	1,441	1,417	1,962	1,923
2008	1,470	1,489	1,056	1,083	1,470	1,489	446	452	416	402	446	452	1,916	1,941	1,472	1,485	1,916	1,941
2009		1,475		1,044		1,475		447		398		447		1,922		1,442		1,922
2010		1,493		1,069		1,493		449		402		449		1,942		1,471		1,942
2011		1,515		1,093		1,515		450		404		450		1,965		1,497		1,965
2012		1,539		1,119		1,539		451		408		451		1,990		1,526		1,990
2013		1,563		1,141		1,563		453		412		453		2,017		1,553		2,017
2014		1,581		1,161		1,581		456		416		456		2,037		1,576		2,037
2015		1,600		1,181		1,600		459		421		459		2,059		1,603		2,059
2016		1,620		1,203		1,620		464		428		464		2,084		1,631		2,084
2017		1,637		1,221		1,637		470		434		470		2,107		1,655		2,107
2018		1,653		1,238		1,653		475		440		475		2,129		1,678		2,129
2019		1,671		1,258		1,671		481		448		481		2,152		1,705		2,152
2020		1,690		1,278		1,690		488		455		488		2,178		1,732		2,178
2021		1,710		1,297		1,710		494		462		494		2,205		1,759		2,205
2022		1,729		1,316		1,729		501		469		501		2,230		1,784		2,230
2023		1,748		1,335		1,748		508		476		508		2,256		1,811		2,256
2024		1,772		1,358		1,772		515		484		515		2,287		1,842		2,287
2025		1,798		1,383		1,798		523		492		523		2,321		1,875		2,321
2026		1,825		1,408		1,825		532		501		532		2,357		1,909		2,357
2027		1,852		1,432		1,852		540		509		540		2,392		1,941		2,392
2028		1,878		1,456		1,878		547		515		547		2,425		1,971		2,425
2029		1,904		1,481		1,904		553		522		553		2,457		2,003		2,457
2030		1,931		1,507		1,931		560		530		560		2,491		2,036		2,491
96-'08	2.5%	2.3%	2.9%	3.2%	2.5%	2.3%	2.1%	2.1%	2.8%	2.8%	2.1%	2.1%	2.4%	2.3%	2.9%	3.1%	2.4%	2.3%
08-'10		0.1%		-0.6%		0.1%		-0.3%		0.0%		-0.3%		0.0%		-0.5%		0.0%
10-'15		1.4%		2.0%		1.4%		0.4%		1.0%		0.4%		1.2%		1.7%		1.2%
15-'20		1.1%		1.6%		1.1%		1.2%		1.5%		1.2%		1.1%		1.6%		1.1%
20-'25		1.2%		1.6%		1.2%		1.4%		1.6%		1.4%		1.3%		1.6%		1.3%
25-'30		1.4%		1.7%		1.4%		1.4%		1.5%		1.4%		1.4%		1.7%		1.4%
08-'30		1.2%		1.5%		1.2%		1.0%		1.3%		1.0%		1.1%		1.4%		1.1%



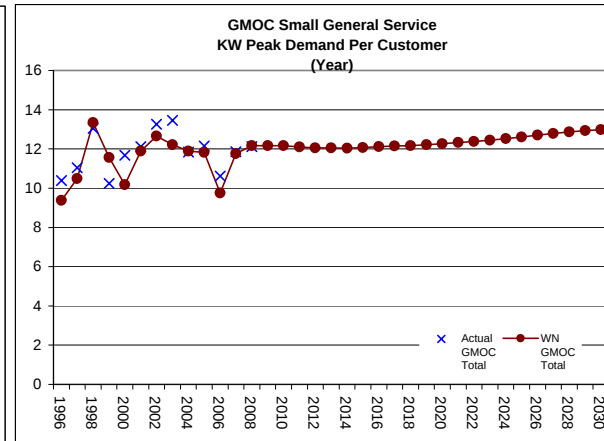
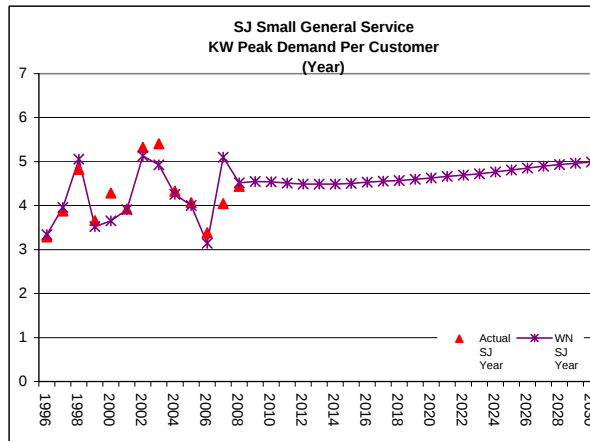
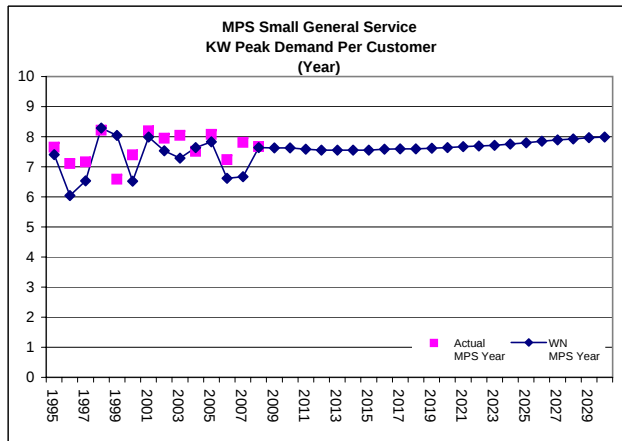
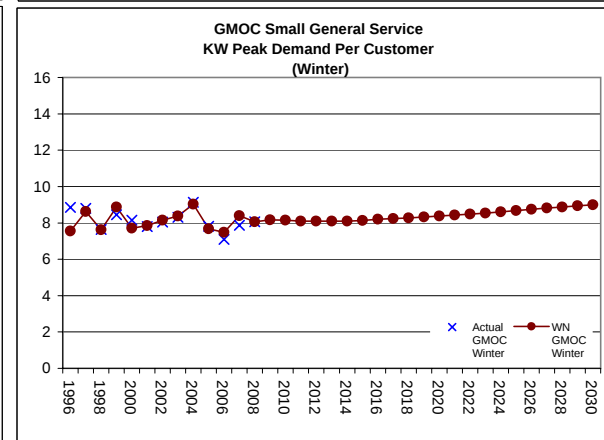
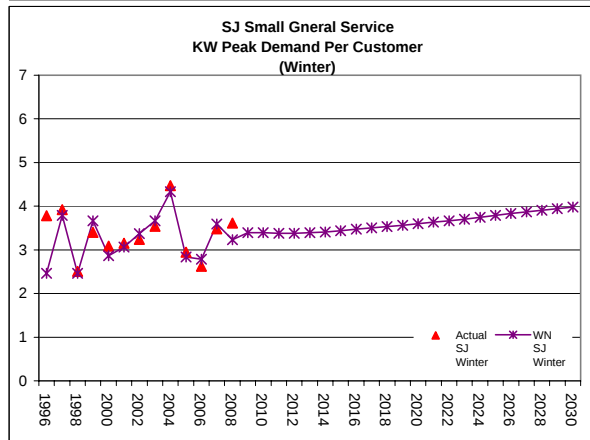
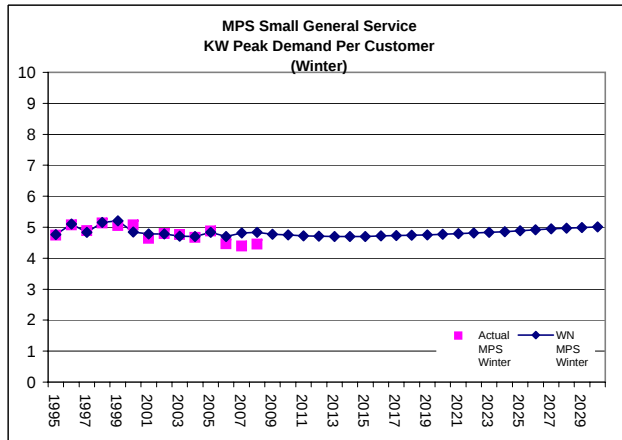
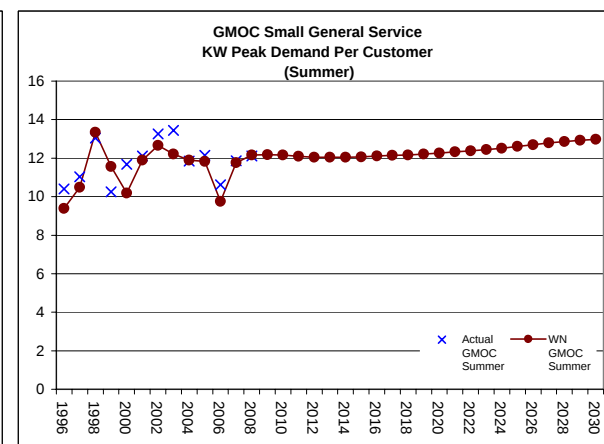
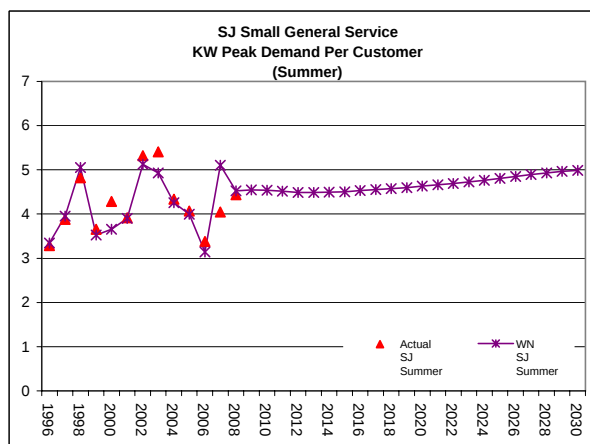
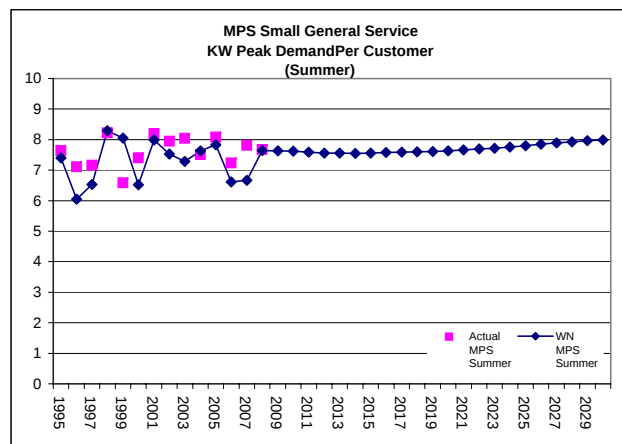
**Plot I-8 MPS & SJ Residential KW Peak Demand Per Customer
(Actual vs. Weather Normalized)**

Year	Actual MPS Summer	WN MPS Summer	Actual MPS Winter	WN MPS Winter	Actual MPS Year	WN MPS Year	Actual SJ Summer	WN SJ Summer	Actual SJ Winter	WN SJ Winter	Actual SJ Year	WN SJ Year	Actual GMOC Summer	WN GMOC Summer	Actual GMOC Winter	WN GMOC Winter	Actual GMOC Year	WN GMOC Year
1990	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1991	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1992	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1993	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1995	3.62	3.67	1.94	1.90	3.62	3.67	-	-	-	-	-	-	-	-	-	-	-	-
1996	3.89	4.22	2.10	2.06	3.89	4.22	3.50	3.56	2.07	2.31	3.50	3.56	7.39	7.78	4.17	4.37	7.39	7.78
1997	3.92	3.89	2.23	2.19	3.92	3.89	3.25	3.31	2.27	2.19	3.25	3.31	7.16	7.19	4.50	4.38	7.16	7.19
1998	3.74	3.90	2.23	2.18	3.74	3.90	3.48	3.65	2.37	2.32	3.48	3.65	7.22	7.55	4.60	4.50	7.22	7.55
1999	4.38	3.77	2.40	2.38	4.38	3.77	3.74	3.68	2.81	2.06	3.74	3.68	8.12	7.45	5.21	4.44	8.12	7.45
2000	4.07	4.56	2.42	2.23	4.07	4.56	3.81	3.74	2.42	2.25	3.81	3.74	7.88	8.30	4.83	4.48	7.88	8.30
2001	3.68	3.75	2.34	2.38	3.68	3.75	3.38	3.37	2.65	2.58	3.38	3.37	7.06	7.12	4.99	4.96	7.06	7.12
2002	3.84	3.77	2.15	2.37	3.84	3.77	3.33	3.21	2.72	2.83	3.33	3.21	7.18	6.98	4.87	5.20	7.18	6.98
2003	4.30	4.01	2.54	2.43	4.30	4.01	3.56	3.25	3.05	2.56	3.56	3.25	7.87	7.26	5.59	4.99	7.87	7.26
2004	3.98	4.18	2.55	2.49	3.98	4.18	3.63	3.60	3.05	2.95	3.63	3.60	7.61	7.79	5.60	5.44	7.61	7.79
2005	3.80	3.81	2.74	2.63	3.80	3.81	3.46	3.40	3.05	2.94	3.46	3.40	7.26	7.21	5.79	5.57	7.26	7.21
2006	4.11	3.89	2.56	2.66	4.11	3.89	3.54	3.29	2.75	2.92	3.54	3.29	7.65	7.18	5.31	5.58	7.65	7.18
2007	4.07	4.00	2.98	2.69	4.07	4.00	3.39	3.44	3.32	3.46	3.39	3.44	7.46	7.44	6.30	6.14	7.46	7.44
2008	3.93	4.02	2.60	2.69	3.93	4.02	3.70	3.53	2.83	3.21	3.70	3.53	7.63	7.55	5.43	5.90	7.63	7.55
2009		3.93		2.65		3.93		3.46		2.93		3.46		7.39		5.58		7.39
2010		3.91		2.66		3.91		3.43		2.94		3.43		7.34		5.61		7.34
2011		3.86		2.66		3.86		3.39		2.93		3.39		7.25		5.59		7.25
2012		3.82		2.67		3.82		3.35		2.95		3.35		7.18		5.61		7.18
2013		3.80		2.68		3.80		3.33		2.96		3.33		7.13		5.64		7.13
2014		3.77		2.68		3.77		3.31		2.96		3.31		7.08		5.64		7.08
2015		3.74		2.69		3.74		3.30		2.98		3.30		7.04		5.67		7.04
2016		3.74		2.71		3.74		3.29		3.00		3.29		7.03		5.70		7.03
2017		3.73		2.71		3.73		3.29		3.01		3.29		7.02		5.73		7.02
2018		3.72		2.73		3.72		3.30		3.03		3.30		7.02		5.76		7.02
2019		3.72		2.74		3.72		3.31		3.06		3.31		7.03		5.80		7.03
2020		3.72		2.76		3.72		3.32		3.09		3.32		7.04		5.85		7.04
2021		3.73		2.78		3.73		3.33		3.11		3.33		7.06		5.90		7.06
2022		3.74		2.80		3.74		3.35		3.14		3.35		7.09		5.94		7.09
2023		3.76		2.82		3.76		3.37		3.17		3.37		7.12		6.00		7.12
2024		3.78		2.86		3.78		3.39		3.21		3.39		7.18		6.07		7.18
2025		3.81		2.89		3.81		3.43		3.26		3.43		7.24		6.14		7.24
2026		3.84		2.92		3.84		3.46		3.30		3.46		7.30		6.22		7.30
2027		3.88		2.96		3.88		3.50		3.34		3.50		7.37		6.30		7.37
2028		3.90		2.99		3.90		3.52		3.37		3.52		7.43		6.36		7.43
2029		3.93		3.02		3.93		3.55		3.41		3.55		7.48		6.43		7.48
2030		3.96		3.05		3.96		3.58		3.45		3.58		7.54		6.50		7.54
96-'08	0.1%	-0.4%	1.8%	2.2%	0.1%	-0.4%	0.5%	-0.1%	2.6%	2.8%	0.5%	-0.1%	0.3%	-0.2%	2.2%	2.5%	0.3%	-0.2%
08-'10		-1.3%		-0.4%		-1.3%		-1.4%		-4.3%		-1.4%		-1.4%		-2.5%		-1.4%
10-'15		-0.9%		0.2%		-0.9%		-0.8%		0.2%		-0.8%		-0.8%		0.2%		-0.8%
15-'20		-0.1%		0.5%		-0.1%		0.1%		0.7%		0.1%		0.0%		0.6%		0.0%
20-'25		0.5%		0.9%		0.5%		0.7%		1.1%		0.7%		0.5%		1.0%		0.5%
25-'30		0.8%		1.1%		0.8%		0.9%		1.2%		0.9%		0.8%		1.1%		0.8%
08-'30		-0.1%		0.6%		-0.1%		0.1%		0.3%		0.1%		0.0%		0.4%		0.0%



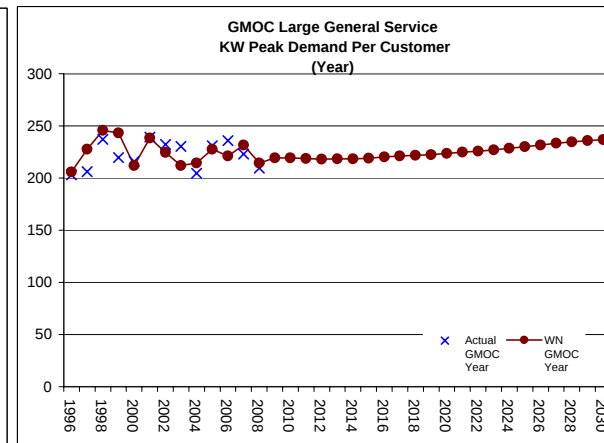
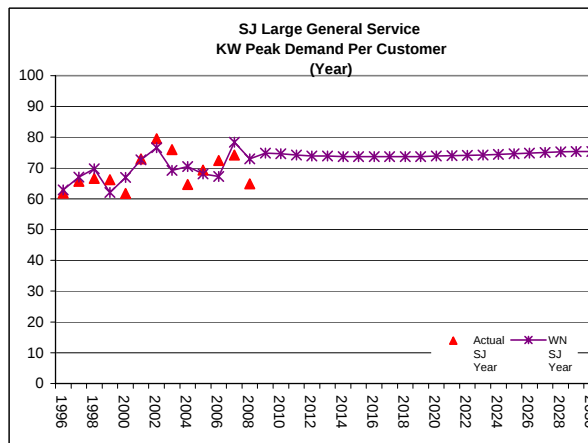
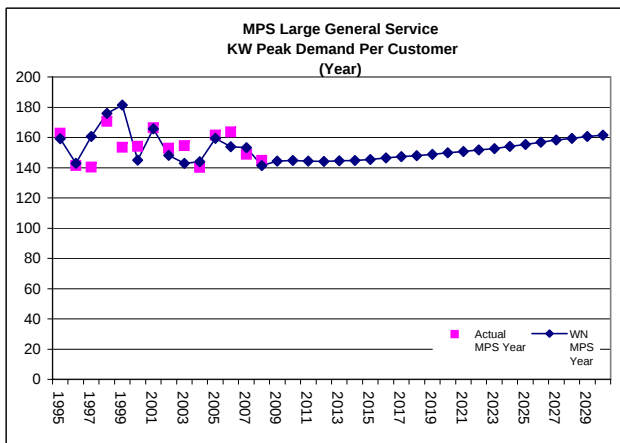
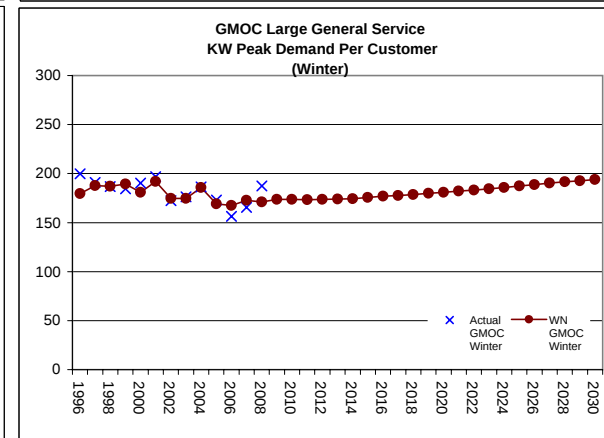
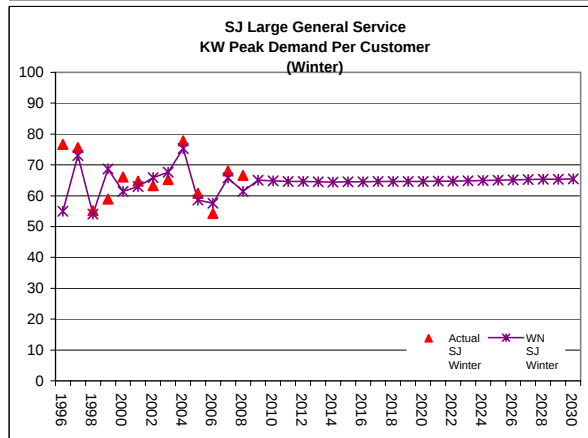
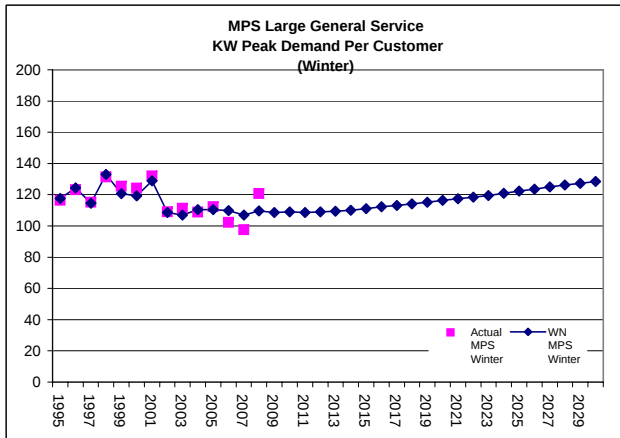
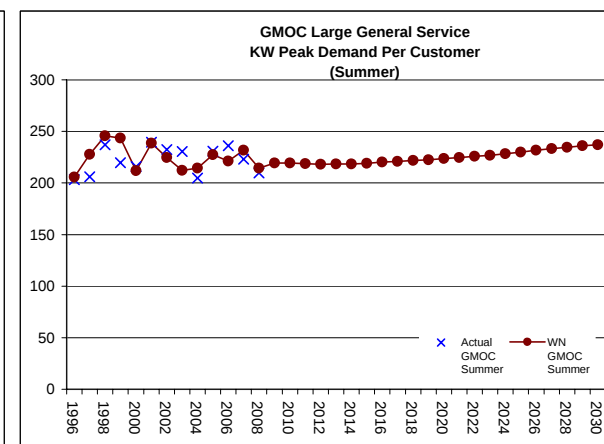
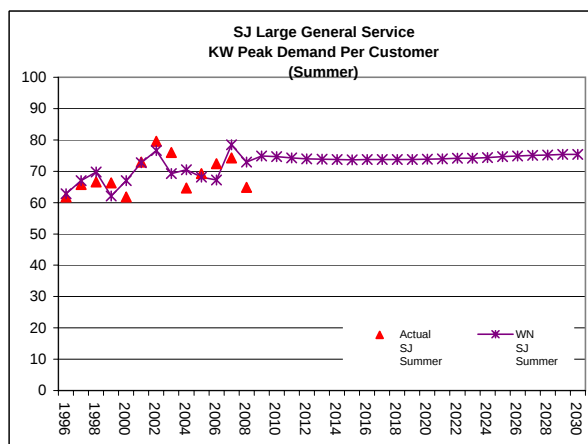
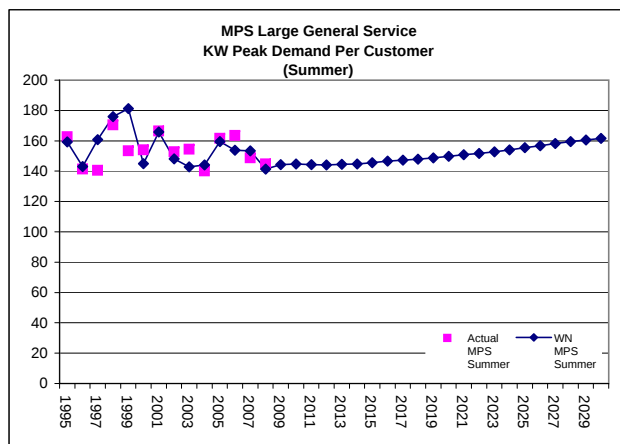
Plot I-9 MPS & SJ Small General Service KW Peak Demand Per Customer
(Actual vs. Weather Normalized)

Year	Actual MPS Summer	WN MPS Summer	Actual MPS Winter	WN MPS Winter	Actual MPS Year	WN MPS Year	Actual SJ Summer	WN SJ Summer	Actual SJ Winter	WN SJ Winter	Actual SJ Year	WN SJ Year	Actual GMOC Summer	WN GMOC Summer	Actual GMOC Winter	WN GMOC Winter	Actual GMOC Total	WN GMOC Total
1990	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1991	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1992	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1993	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1995	7.65	7.4	4.74	4.8	7.6	7.4	-	-	-	-	-	-	-	-	-	-	-	-
1996	7.11	6.0	5.07	5.1	7.1	6.0	3.3	3.3	3.8	2.5	3.3	3.3	10.4	9.4	8.9	7.6	10.4	9.4
1997	7.16	6.5	4.88	4.8	7.2	6.5	3.9	4.0	3.9	3.8	3.9	4.0	11.0	10.5	8.8	8.6	11.0	10.5
1998	8.22	8.3	5.14	5.2	8.2	8.3	4.8	5.1	2.5	2.5	4.8	5.1	13.0	13.3	7.6	7.6	13.0	13.3
1999	6.59	8.0	5.05	5.2	6.6	8.0	3.7	3.5	3.4	3.7	3.7	3.5	10.2	11.6	8.5	8.9	10.2	11.6
2000	7.40	6.5	5.07	4.8	7.4	6.5	4.3	3.7	3.1	2.9	4.3	3.7	11.7	10.2	8.2	7.7	11.7	10.2
2001	8.19	8.0	4.64	4.8	8.2	8.0	3.9	3.9	3.2	3.1	3.9	3.9	12.1	11.9	7.8	7.8	12.1	11.9
2002	7.94	7.5	4.79	4.8	7.9	7.5	5.3	5.1	3.2	3.4	5.3	5.1	13.3	12.7	8.0	8.2	13.3	12.7
2003	8.04	7.3	4.76	4.7	8.0	7.3	5.4	4.9	3.5	3.7	5.4	4.9	13.4	12.2	8.3	8.4	13.4	12.2
2004	7.51	7.6	4.67	4.7	7.5	7.6	4.3	4.3	4.5	4.3	4.3	4.3	11.8	11.9	9.1	9.0	11.8	11.9
2005	8.08	7.8	4.88	4.8	8.1	7.8	4.1	4.0	2.9	2.8	4.1	4.0	12.1	11.8	7.8	7.7	12.1	11.8
2006	7.23	6.6	4.47	4.7	7.2	6.6	3.4	3.1	2.6	2.8	3.4	3.1	10.6	9.8	7.1	7.5	10.6	9.8
2007	7.81	6.7	4.39	4.8	7.8	6.7	4.0	5.1	3.5	3.6	4.0	5.1	11.9	11.8	7.9	8.4	11.9	11.8
2008	7.67	7.6	4.45	4.8	7.7	7.6	4.4	4.5	3.6	3.2	4.4	4.5	12.1	12.2	8.1	8.1	12.1	12.2
2009		7.6		4.8		7.6		4.5		3.4		4.5		12.2		8.2		12.2
2010		7.6		4.8		7.6		4.5		3.4		4.5		12.2		8.2		12.2
2011		7.6		4.7		7.6		4.5		3.4		4.5		12.1		8.1		12.1
2012		7.6		4.7		7.6		4.5		3.4		4.5		12.0		8.1		12.0
2013		7.6		4.7		7.6		4.5		3.4		4.5		12.0		8.1		12.0
2014		7.5		4.7		7.5		4.5		3.4		4.5		12.0		8.1		12.0
2015		7.6		4.7		7.6		4.5		3.4		4.5		12.1		8.1		12.1
2016		7.6		4.7		7.6		4.5		3.5		4.5		12.1		8.2		12.1
2017		7.6		4.7		7.6		4.6		3.5		4.6		12.1		8.2		12.1
2018		7.6		4.7		7.6		4.6		3.5		4.6		12.2		8.3		12.2
2019		7.6		4.8		7.6		4.6		3.6		4.6		12.2		8.3		12.2
2020		7.6		4.8		7.6		4.6		3.6		4.6		12.3		8.4		12.3
2021		7.7		4.8		7.7		4.7		3.6		4.7		12.3		8.4		12.3
2022		7.7		4.8		7.7		4.7		3.7		4.7		12.4		8.5		12.4
2023		7.7		4.8		7.7		4.7		3.7		4.7		12.4		8.5		12.4
2024		7.8		4.9		7.8		4.8		3.7		4.8		12.5		8.6		12.5
2025		7.8		4.9		7.8		4.8		3.8		4.8		12.6		8.7		12.6
2026		7.8		4.9		7.8		4.9		3.8		4.9		12.7		8.7		12.7
2027		7.9		4.9		7.9		4.9		3.9		4.9		12.8		8.8		12.8
2028		7.9		5.0		7.9		4.9		3.9		4.9		12.9		8.9		12.9
2029		8.0		5.0		8.0		5.0		3.9		5.0		12.9		8.9		12.9
2030		8.0		5.0		8.0		5.0		4.0		5.0		13.0		9.0		13.0
96-'08	0.6%	2.0%	-1.1%	-0.4%	0.6%	2.0%	2.5%	2.6%	-0.4%	2.3%	2.5%	2.6%	1.3%	2.2%	-0.8%	0.5%	1.3%	2.2%
08-'10		-0.1%		-0.8%		-0.1%		0.2%		2.5%		0.2%		0.0%		0.6%		0.0%
10-'15		-0.2%		-0.2%		-0.2%		-0.2%		0.2%		-0.2%		-0.2%		0.0%		-0.2%
15-'20		0.2%		0.3%		0.2%		0.6%		0.9%		0.6%		0.6%		0.6%		0.3%
20-'25		0.4%		0.5%		0.4%		0.8%		1.0%		0.8%		0.6%		0.7%		0.6%
25-'30		0.5%		0.5%		0.5%		0.7%		1.0%		0.7%		0.6%		0.7%		0.6%
08-'30		0.2%		0.2%		0.2%		0.5%		1.0%		0.5%		0.3%		0.5%		0.3%



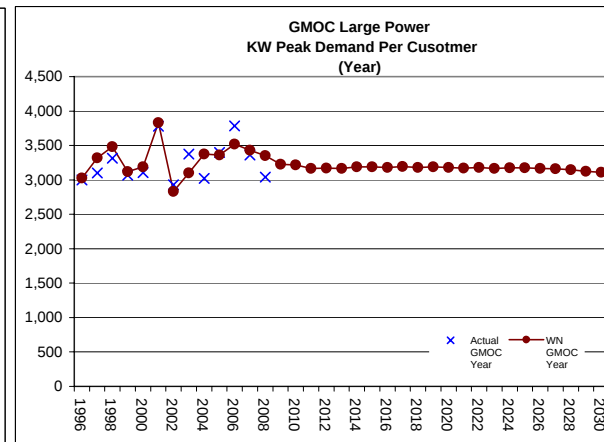
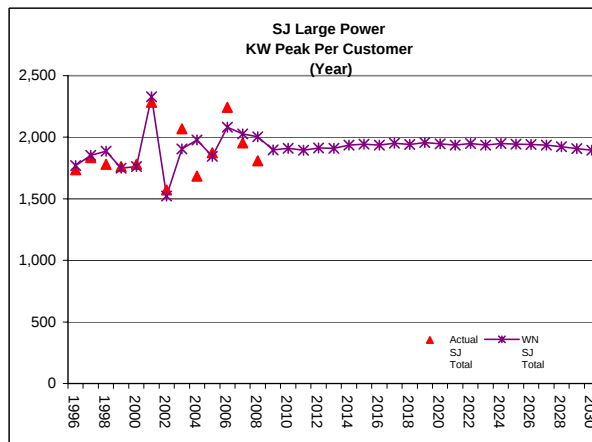
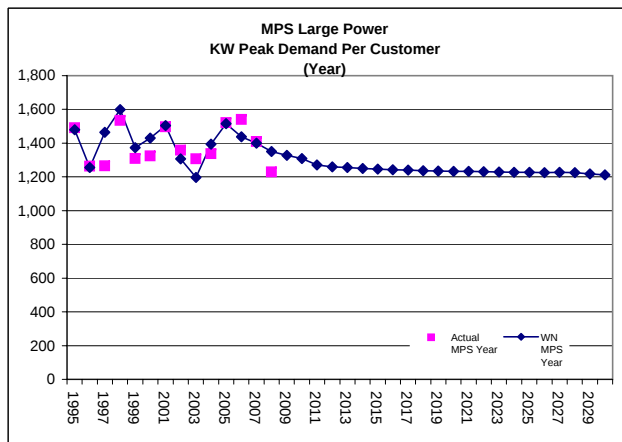
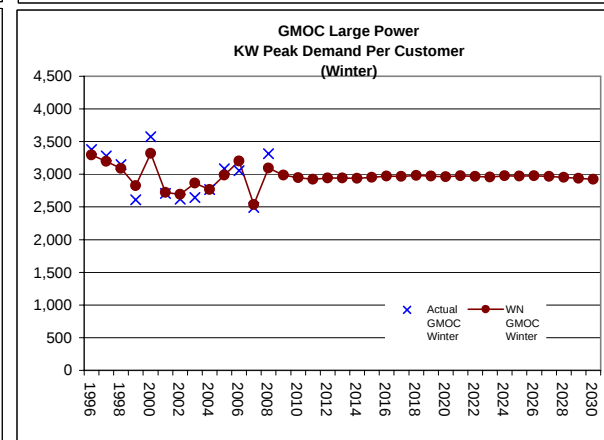
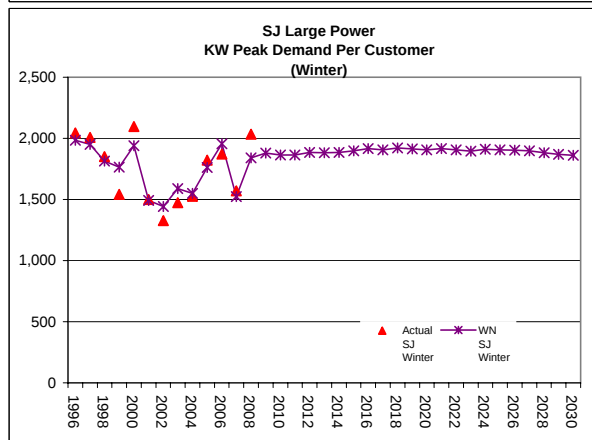
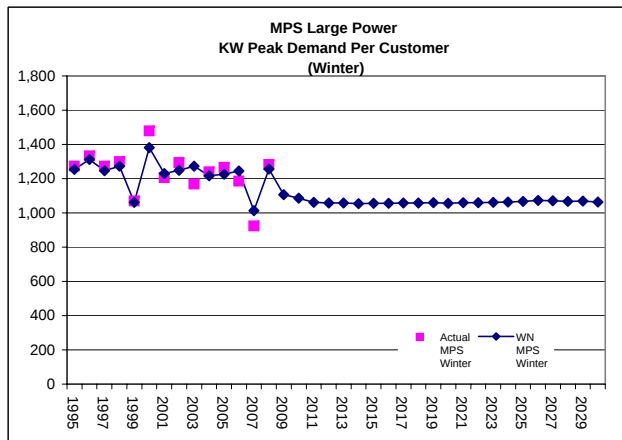
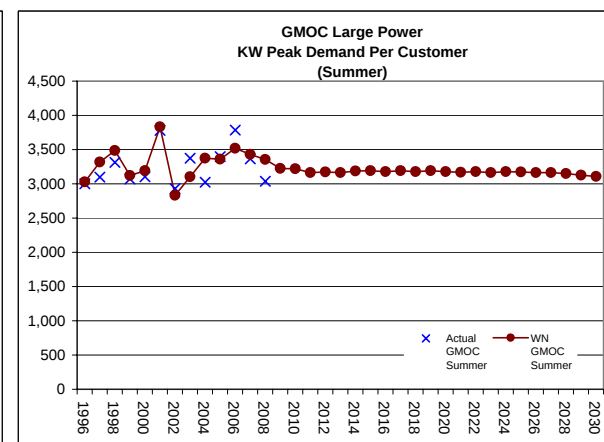
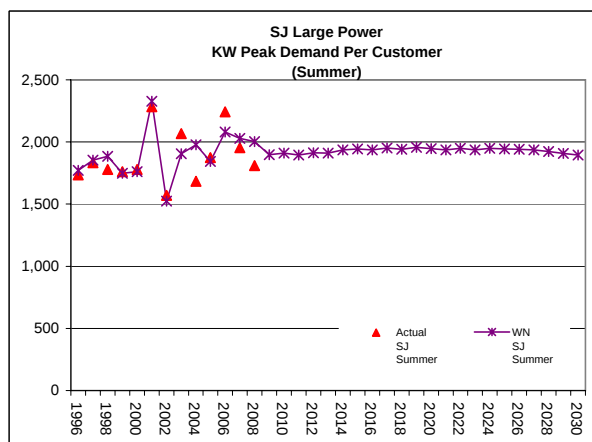
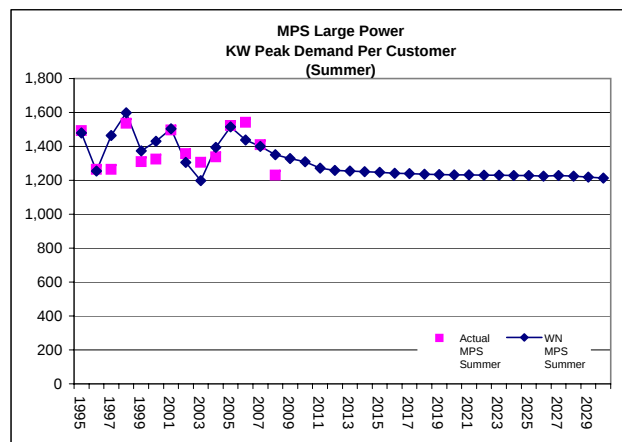
Plot I-10 MPS & SJ Large General Service KW Peak Demand Per Customer
(Actual vs. Weather Normalized)

Year	Actual MPS Summer	WN MPS Summer	Actual MPS Winter	WN MPS Winter	Actual MPS Year	WN MPS Year	Actual SJ Summer	WN SJ Summer	Actual SJ Winter	WN SJ Winter	Actual SJ Year	WN SJ Year	Actual GMOC Summer	WN GMOC Summer	Actual GMOC Winter	WN GMOC Winter	Actual GMOC Year	WN GMOC Year
1990	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1991	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1992	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1993	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1995	162.8	159.2	116.3	117.6	162.8	159.2	-	-	-	-	-	-	-	-	-	-	-	-
1996	141.4	143.0	123.1	124.5	141.4	143.0	61.8	62.8	76.6	55.0	61.8	62.8	203.2	205.8	199.7	179.4	203.2	205.8
1997	140.4	160.7	115.3	114.6	140.4	160.7	65.7	67.0	75.6	73.1	65.7	67.0	206.1	227.7	190.8	187.6	206.1	227.7
1998	170.5	175.9	131.4	133.1	170.5	175.9	66.6	69.8	55.2	54.1	66.6	69.8	237.1	245.7	186.6	187.1	237.1	245.7
1999	153.4	181.3	125.5	120.8	153.4	181.3	66.3	62.1	58.9	68.7	66.3	62.1	219.6	243.4	184.4	189.5	219.6	243.4
2000	154.0	145.0	124.2	119.3	154.0	145.0	61.8	67.0	66.1	61.4	61.8	67.0	215.8	212.0	190.3	180.7	215.8	212.0
2001	166.4	165.8	132.0	128.9	166.4	165.8	73.0	72.7	64.7	62.9	73.0	72.7	239.4	238.5	196.7	191.8	239.4	238.5
2002	152.8	148.1	109.0	108.7	152.8	148.1	79.5	76.6	63.3	65.9	79.5	76.6	232.3	224.7	172.3	174.6	232.3	224.7
2003	154.5	142.9	111.2	106.9	154.5	142.9	76.0	69.2	65.2	67.7	76.0	69.2	230.4	212.1	176.4	174.5	230.4	212.1
2004	140.1	144.0	108.8	110.4	140.1	144.0	64.6	70.5	77.8	75.3	64.6	70.5	204.7	214.5	186.5	185.7	204.7	214.5
2005	161.6	159.4	112.3	110.5	161.6	159.4	69.3	68.1	60.8	58.6	69.3	68.1	230.9	227.5	173.0	169.1	230.9	227.5
2006	163.5	153.9	102.2	109.9	163.5	153.9	72.4	67.2	54.3	57.6	72.4	67.2	236.0	221.1	156.4	167.5	236.0	221.1
2007	148.8	153.3	97.6	106.9	148.8	153.3	74.2	78.4	68.0	65.8	74.2	78.4	223.0	231.7	165.6	172.7	223.0	231.7
2008	144.8	141.4	120.7	109.6	144.8	141.4	64.8	73.0	66.5	61.4	64.8	73.0	209.7	214.3	187.2	171.0	209.7	214.3
2009		144.3		108.7		144.3		74.9		65.0		74.9		219.2		173.7		219.2
2010		144.7		108.9		144.7		74.6		64.9		74.6		219.3		173.8		219.3
2011		144.4		108.7		144.4		74.3		64.7		74.3		218.7		173.4		218.7
2012		144.2		108.9		144.2		74.0		64.6		74.0		218.1		173.5		218.1
2013		144.5		109.4		144.5		73.9		64.5		73.9		218.4		173.9		218.4
2014		144.8		110.0		144.8		73.7		64.5		73.7		218.5		174.4		218.5
2015		145.5		111.0		145.5		73.7		64.5		73.7		219.1		175.5		219.1
2016		146.5		112.3		146.5		73.7		64.6		73.7		220.3		176.8		220.3
2017		147.3		113.1		147.3		73.7		64.6		73.7		221.0		177.7		221.0
2018		148.0		114.1		148.0		73.7		64.6		73.7		221.7		178.7		221.7
2019		148.8		115.2		148.8		73.7		64.6		73.7		222.5		179.8		222.5
2020		149.8		116.3		149.8		73.9		64.7		73.9		223.6		181.0		223.6
2021		150.8		117.4		150.8		74.0		64.7		74.0		224.8		182.1		224.8
2022		151.8		118.4		151.8		74.1		64.8		74.1		225.9		183.2		225.9
2023		152.7		119.5		152.7		74.2		64.8		74.2		226.9		184.3		226.9
2024		154.0		120.8		154.0		74.4		64.9		74.4		228.4		185.8		228.4
2025		155.4		122.2		155.4		74.6		65.0		74.6		230.0		187.3		230.0
2026		156.8		123.6		156.8		74.9		65.2		74.9		231.7		188.8		231.7
2027		158.3		125.0		158.3		75.1		65.2		75.1		233.4		190.2		233.4
2028		159.5		126.2		159.5		75.2		65.3		75.2		234.7		191.5		234.7
2029		160.6		127.3		160.6		75.4		65.4		75.4		236.0		192.7		236.0
2030		161.6		128.5		161.6		75.4		65.4		75.4		237.0		193.9		237.0
96-'08	0.2%	-0.1%	-0.2%	-1.0%	0.2%	-0.1%	0.4%	1.3%	-1.2%	0.9%	0.4%	1.3%	0.3%	0.3%	-0.5%	-0.4%	0.3%	0.3%
08-'10		1.2%		-0.3%		1.2%		1.1%		2.8%		1.1%		1.2%		0.8%		1.2%
10-'15		0.1%		0.4%		0.1%		-0.3%		-0.1%		-0.3%		0.0%		0.2%		0.0%
15-'20		0.6%		0.9%		0.6%		0.1%		0.0%		0.1%		0.4%		0.6%		0.4%
20-'25		0.7%		1.0%		0.7%		0.2%		0.1%		0.2%		0.6%		0.7%		0.6%
25-'30		0.8%		1.0%		0.8%		0.2%		0.1%		0.2%		0.6%		0.7%		0.6%
08-'30		0.6%		0.7%		0.6%		0.1%		0.3%		0.1%		0.5%		0.6%		0.5%



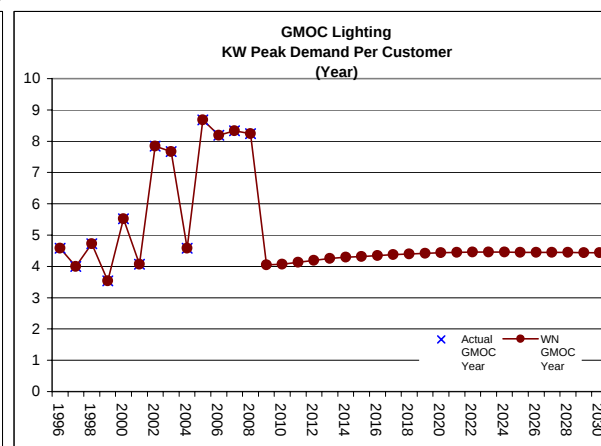
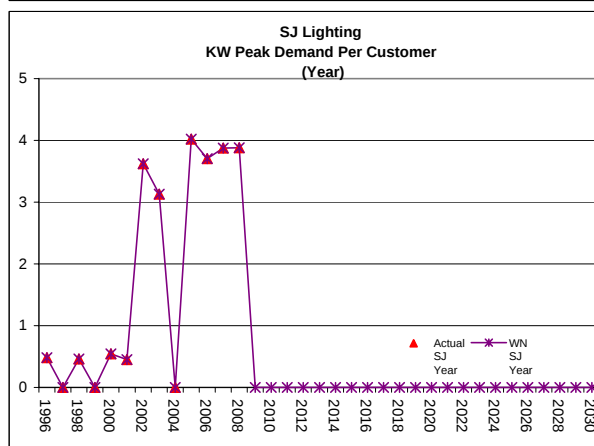
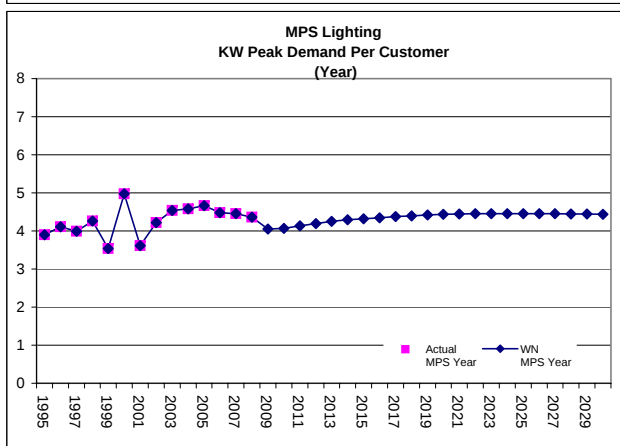
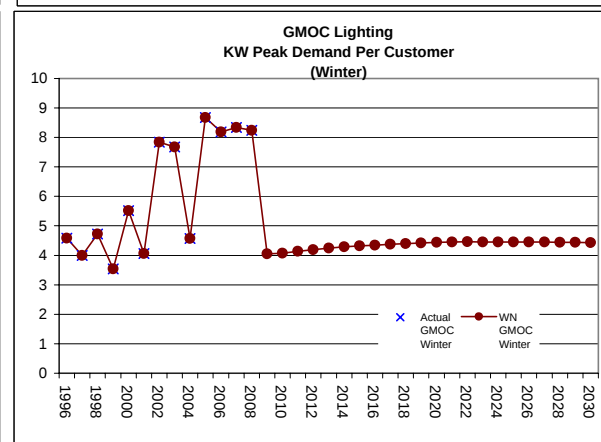
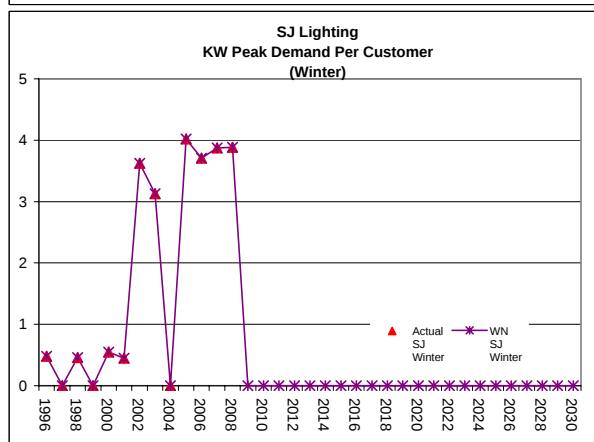
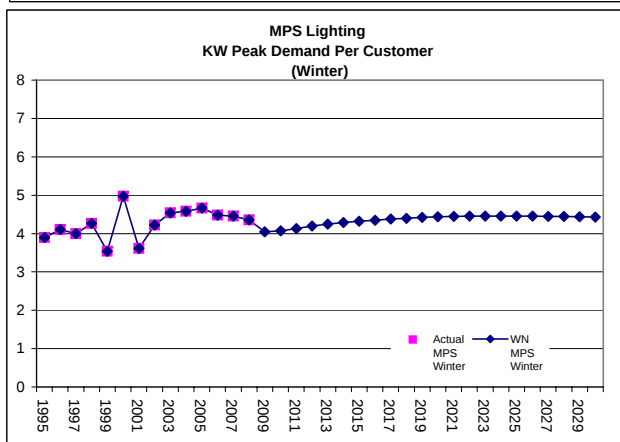
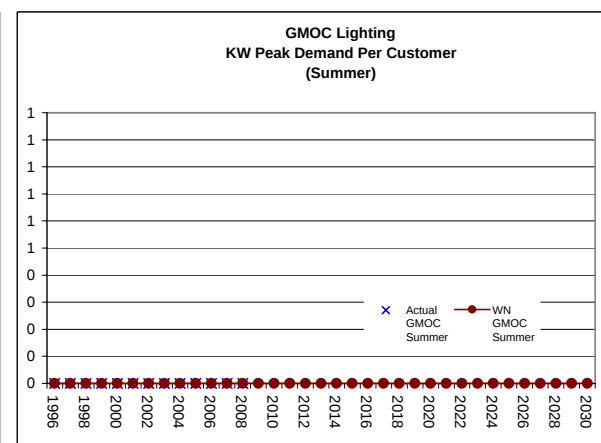
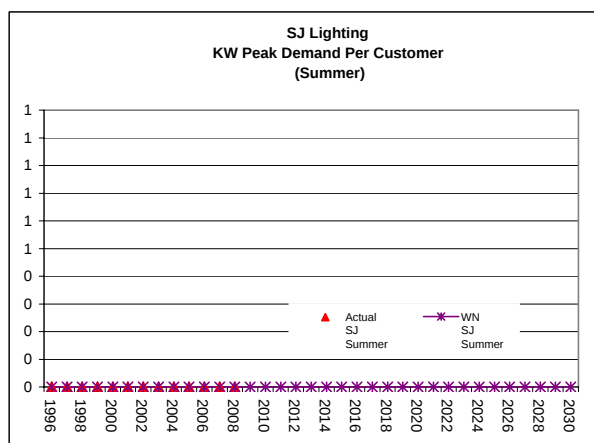
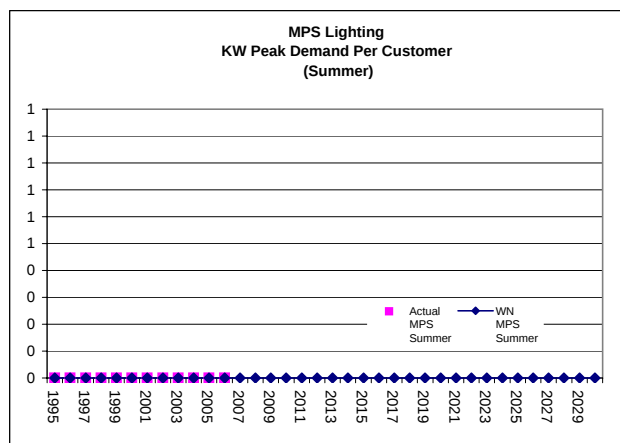
Plot I-10 MPS & SJ Large Power KW Peak Demand Per Customer
(Actual vs. Weather Normalized)

Year	Actual MPS Summer	WN MPS Summer	Actual MPS Winter	WN MPS Winter	Actual MPS Year	WN MPS Year	Actual SJ Summer	WN SJ Summer	Actual SJ Winter	WN SJ Winter	Actual SJ Total	WN SJ Total	Actual GMOC Summer	WN GMOC Summer	Actual GMOC Winter	WN GMOC Winter	Actual GMOC Year	WN GMOC Year
1990	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1991	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1992	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1993	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1995	1,491.6	1,479.6	1,273.5	1,254.8	1,491.6	1,479.6	-	-	-	-	-	-	-	-	-	-	-	-
1996	1,263.6	1,255.0	1,331.9	1,312.4	1,263.6	1,255.0	1,734.8	1,770.9	2,044.7	1,984.5	1,734.8	1,770.9	2,998.5	3,025.8	3,376.6	3,296.9	2,998.5	3,025.8
1997	1,264.3	1,464.5	1,272.0	1,246.2	1,264.3	1,464.5	1,834.4	1,853.5	2,009.0	1,951.4	1,834.4	1,853.5	3,098.7	3,318.0	3,281.0	3,197.5	3,098.7	3,318.0
1998	1,535.2	1,598.6	1,298.1	1,273.1	1,535.2	1,598.6	1,779.7	1,885.5	1,852.1	1,814.5	1,779.7	1,885.5	3,314.9	3,484.0	3,150.2	3,087.6	3,314.9	3,484.0
1999	1,308.8	1,372.9	1,068.5	1,061.8	1,308.8	1,372.9	1,761.3	1,748.2	1,542.4	1,764.0	1,761.3	1,748.2	3,070.0	3,121.1	2,610.9	2,825.8	3,070.0	3,121.1
2000	1,324.5	1,429.8	1,479.4	1,380.6	1,324.5	1,429.8	1,780.3	1,761.5	2,096.8	1,939.6	1,780.3	1,761.5	3,104.8	3,191.3	3,576.1	3,320.2	3,104.8	3,191.3
2001	1,496.9	1,503.2	1,205.5	1,229.5	1,496.9	1,503.2	2,284.3	2,328.4	1,500.9	1,493.1	2,284.3	2,328.4	3,781.2	3,831.6	2,706.3	2,722.6	3,781.2	3,831.6
2002	1,357.5	1,306.0	1,293.0	1,248.9	1,357.5	1,306.0	1,571.4	1,524.0	1,327.3	1,442.6	1,571.4	1,524.0	2,928.9	2,830.0	2,620.2	2,691.6	2,928.9	2,830.0
2003	1,306.3	1,197.2	1,168.1	1,272.7	1,306.3	1,197.2	2,067.7	1,905.0	1,475.0	1,590.3	2,067.7	1,905.0	3,374.0	3,102.2	2,643.1	2,863.0	3,374.0	3,102.2
2004	1,337.5	1,395.0	1,238.4	1,217.4	1,337.5	1,395.0	1,684.8	1,978.5	1,526.7	1,548.9	1,684.8	1,978.5	3,022.3	3,373.5	2,765.1	2,766.3	3,022.3	3,373.5
2005	1,522.0	1,515.5	1,265.7	1,225.4	1,522.0	1,515.5	1,874.6	1,844.1	1,821.0	1,760.5	1,874.6	1,844.1	3,396.6	3,359.5	3,086.7	2,985.9	3,396.6	3,359.5
2006	1,541.0	1,438.1	1,185.6	1,244.5	1,541.0	1,438.1	2,242.5	2,081.2	1,870.8	1,956.1	2,242.5	2,081.2	3,783.6	3,519.3	3,056.4	3,200.6	3,783.6	3,519.3
2007	1,409.1	1,400.5	923.0	1,013.9	1,409.1	1,400.5	1,953.8	2,028.3	1,570.5	1,522.9	1,953.8	2,028.3	3,362.9	3,428.8	2,493.5	2,536.8	3,362.9	3,428.8
2008	1,229.7	1,350.8	1,282.3	1,256.1	1,229.7	1,350.8	1,809.2	2,003.0	2,035.0	1,840.9	1,809.2	2,003.0	3,038.9	3,353.8	3,317.2	3,097.0	3,038.9	3,353.8
2009		1,327.8		1,106.0		1,327.8		1,896.4		1,879.7		1,896.4		3,224.1		2,985.7		3,224.1
2010		1,308.9		1,085.7		1,308.9		1,909.5		1,862.7		1,909.5		3,218.3		2,948.4		3,218.3
2011		1,270.9		1,060.9		1,270.9		1,893.7		1,864.7		1,893.7		3,164.6		2,925.6		3,164.6
2012		1,259.0		1,057.7		1,259.0		1,913.1		1,884.1		1,913.1		3,172.1		2,941.8		3,172.1
2013		1,255.3		1,058.7		1,255.3		1,910.2		1,882.5		1,910.2		3,165.5		2,941.2		3,165.5
2014		1,250.8		1,054.4		1,250.8		1,937.0		1,883.8		1,937.0		3,187.8		2,938.2		3,187.8
2015		1,246.9		1,056.5		1,246.9		1,944.3		1,897.5		1,944.3		3,191.2		2,954.0		3,191.2
2016		1,241.9		1,056.9		1,241.9		1,936.8		1,916.8		1,936.8		3,178.7		2,973.7		3,178.7
2017		1,240.1		1,057.9		1,240.1		1,952.7		1,907.1		1,952.7		3,192.8		2,964.9		3,192.8
2018		1,236.6		1,057.6		1,236.6		1,941.8		1,922.0		1,941.8		3,178.4		2,979.6		3,178.4
2019		1,234.0		1,060.0		1,234.0		1,956.2		1,914.0		1,956.2		3,190.2		2,974.0		3,190.2
2020		1,232.6		1,057.0		1,232.6		1,946.8		1,904.6		1,946.8		3,179.3		2,961.5		3,179.3
2021		1,232.0		1,059.1		1,232.0		1,937.0		1,917.1		1,937.0		3,169.1		2,976.3		3,169.1
2022		1,230.6		1,060.0		1,230.6		1,948.0		1,905.4		1,948.0		3,178.6		2,965.4		3,178.6
2023		1,229.4		1,062.3		1,229.4		1,936.0		1,895.2		1,936.0		3,165.4		2,957.6		3,165.4
2024		1,227.4		1,064.1		1,227.4		1,949.7		1,911.0		1,949.7		3,177.1		2,975.0		3,177.1
2025		1,228.1		1,067.9		1,228.1		1,944.7		1,906.5		1,944.7		3,172.8		2,974.4		3,172.8
2026		1,225.2		1,072.1		1,225.2		1,940.6		1,903.4		1,940.6		3,165.7		2,975.5		3,165.7
2027		1,227.6		1,071.8		1,227.6		1,935.2		1,897.1		1,935.2		3,162.8		2,968.9		3,162.8
2028		1,224.5		1,067.6		1,224.5		1,923.6		1,882.7		1,923.6		3,148.1		2,950.4		3,148.1
2029		1,218.5		1,068.4		1,218.5		1,907.8		1,869.9		1,907.8		3,126.3		2,938.3		3,126.3
2030		1,212.9		1,062.9		1,212.9		1,895.4		1,860.4		1,895.4		3,108.3		2,923.3		3,108.3
96-'08	-0.2%	0.6%	-0.3%	-0.4%	-0.2%	0.6%	0.4%	1.0%	0.0%	-0.6%	0.4%	1.0%	0.1%	0.9%	-0.1%	-0.5%	0.1%	0.9%
08-'10		-1.6%		-7.0%		-1.6%		-2.4%		0.6%		-2.4%		-2.0%		-2.4%		-2.0%
10-'15		-1.0%		-0.5%		-1.0%		0.4%		0.4%		0.4%		-0.2%		0.0%		-0.2%
15-'20		-0.2%		0.0%		-0.2%		0.0%		0.1%		0.0%		-0.1%		0.1%		-0.1%
20-'25		-0.1%		0.2%		-0.1%		0.0%		0.0%		0.0%		0.0%		0.1%		0.0%
25-'30		-0.2%		-0.1%		-0.2%		-0.5%		-0.5%		-0.5%		-0.4%		-0.3%		-0.4%
08-'30		-0.5%		-0.8%		-0.5%		-0.3%		0.0%		-0.3%		-0.3%		-0.3%		-0.3%



Plot I-11 MPS & SJ Lighting KW Peak Demand Per Customer
(Actual vs. Weather Normalized)

Year	Actual MPS Summer	WN MPS Summer	Actual MPS Winter	WN MPS Winter	Actual MPS Year	WN MPS Year	Actual SJ Summer	WN SJ Summer	Actual SJ Winter	WN SJ Winter	Actual SJ Year	WN SJ Year	Actual GMOC Summer	WN GMOC Summer	Actual GMOC Winter	WN GMOC Winter	Actual GMOC Year	WN GMOC Year
1990	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1991	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1992	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1993	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1995	0.0	0.0	3.90	3.90	3.90	3.90	-	-	-	-	-	-	-	-	-	-	-	-
1996	0.0	0.0	4.11	4.11	4.11	4.11	0.0	0.0	0.48	0.48	0.48	0.48	0.0	0.0	4.59	4.59	4.59	4.59
1997	0.0	0.0	3.99	3.99	3.99	3.99	0.0	0.0	0.00	0.00	0.00	0.00	0.0	0.0	3.99	3.99	3.99	3.99
1998	0.0	0.0	4.26	4.26	4.26	4.26	0.0	0.0	0.46	0.46	0.46	0.46	0.0	0.0	4.72	4.72	4.72	4.72
1999	0.0	0.0	3.54	3.54	3.54	3.54	0.0	0.0	0.00	0.00	0.00	0.00	0.0	0.0	3.54	3.54	3.54	3.54
2000	0.0	0.0	4.98	4.98	4.98	4.98	0.0	0.0	0.55	0.55	0.55	0.55	0.0	0.0	5.52	5.52	5.52	5.52
2001	0.0	0.0	3.62	3.62	3.62	3.62	0.0	0.0	0.45	0.45	0.45	0.45	0.0	0.0	4.07	4.07	4.07	4.07
2002	0.0	0.0	4.22	4.22	4.22	4.22	0.0	0.0	3.62	3.62	3.62	3.62	0.0	0.0	7.84	7.84	7.84	7.84
2003	0.0	0.0	4.54	4.54	4.54	4.54	0.0	0.0	3.13	3.13	3.13	3.13	0.0	0.0	7.67	7.67	7.67	7.67
2004	0.0	0.0	4.58	4.58	4.58	4.58	0.0	0.0	0.00	0.00	0.00	0.00	0.0	0.0	4.58	4.58	4.58	4.58
2005	0.0	0.0	4.66	4.66	4.66	4.66	0.0	0.0	4.02	4.02	4.02	4.02	0.0	0.0	8.68	8.68	8.68	8.68
2006	0.0	0.0	4.48	4.48	4.48	4.48	0.0	0.0	3.71	3.71	3.71	3.71	0.0	0.0	8.19	8.19	8.19	8.19
2007	0.0	0.0	4.46	4.46	4.46	4.46	0.0	0.0	3.88	3.88	3.88	3.88	0.0	0.0	8.33	8.33	8.33	8.33
2008	0.0	0.0	4.36	4.36	4.36	4.36	0.0	0.0	3.88	3.88	3.88	3.88	0.0	0.0	8.24	8.24	8.24	8.24
2009		0.0		4.05		4.05		0.0		0.00		0.00		0.0		4.05		4.05
2010		0.0		4.07		4.07		0.0		0.00		0.00		0.0		4.07		4.07
2011		0.0		4.13		4.13		0.0		0.00		0.00		0.0		4.13		4.13
2012		0.0		4.20		4.20		0.0		0.00		0.00		0.0		4.20		4.20
2013		0.0		4.25		4.25		0.0		0.00		0.00		0.0		4.25		4.25
2014		0.0		4.29		4.29		0.0		0.00		0.00		0.0		4.29		4.29
2015		0.0		4.32		4.32		0.0		0.00		0.00		0.0		4.32		4.32
2016		0.0		4.35		4.35		0.0		0.00		0.00		0.0		4.35		4.35
2017		0.0		4.38		4.38		0.0		0.00		0.00		0.0		4.38		4.38
2018		0.0		4.39		4.39		0.0		0.00		0.00		0.0		4.39		4.39
2019		0.0		4.42		4.42		0.0		0.00		0.00		0.0		4.42		4.42
2020		0.0		4.44		4.44		0.0		0.00		0.00		0.0		4.44		4.44
2021		0.0		4.45		4.45		0.0		0.00		0.00		0.0		4.45		4.45
2022		0.0		4.46		4.46		0.0		0.00		0.00		0.0		4.46		4.46
2023		0.0		4.45		4.45		0.0		0.00		0.00		0.0		4.45		4.45
2024		0.0		4.46		4.46		0.0		0.00		0.00		0.0		4.46		4.46
2025		0.0		4.45		4.45		0.0		0.00		0.00		0.0		4.45		4.45
2026		0.0		4.45		4.45		0.0		0.00		0.00		0.0		4.45		4.45
2027		0.0		4.45		4.45		0.0		0.00		0.00		0.0		4.45		4.45
2028		0.0		4.44		4.44		0.0		0.00		0.00		0.0		4.44		4.44
2029		0.0		4.44		4.44		0.0		0.00		0.00		0.0		4.44		4.44
2030		0.0		4.43		4.43		0.0		0.00		0.00		0.0		4.43		4.43
96-'08			0.5%	0.5%	0.5%	0.5%			19.0%	19.0%	19.0%	19.0%			5.0%	5.0%	5.0%	5.0%
08-'10				-3.4%		-3.4%										-29.8%		-29.8%
10-'15				1.2%		1.2%										1.2%		1.2%
15-'20				0.5%		0.5%										0.5%		0.5%
20-'25				0.1%		0.1%										0.1%		0.1%
25-'30				-0.1%		-0.1%										-0.1%		-0.1%
08-'30				0.1%		0.1%										-2.8%		-2.8%

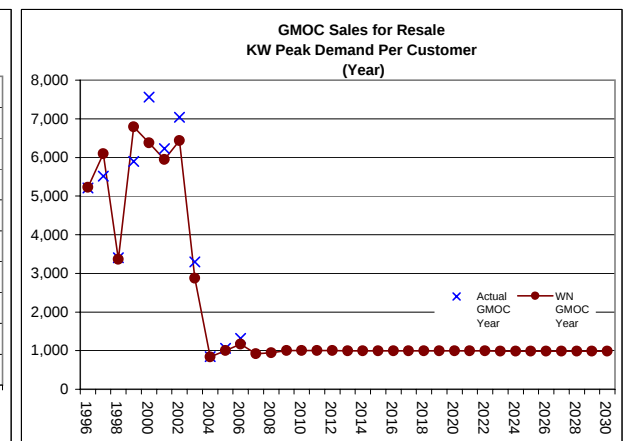
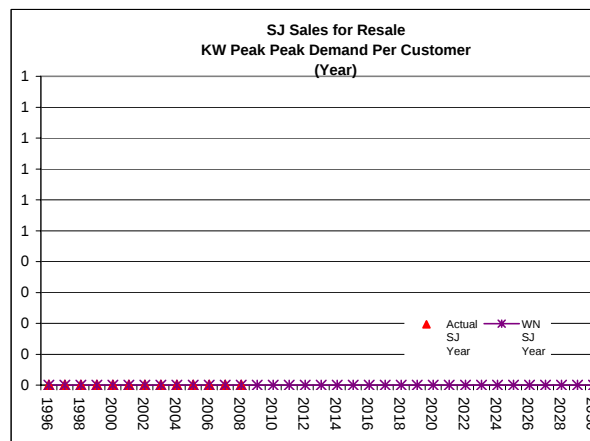
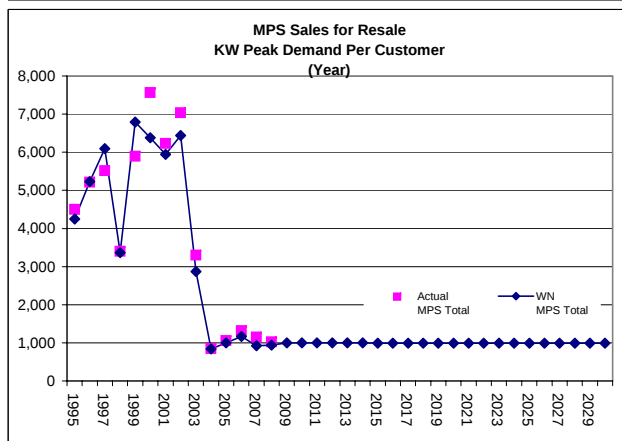
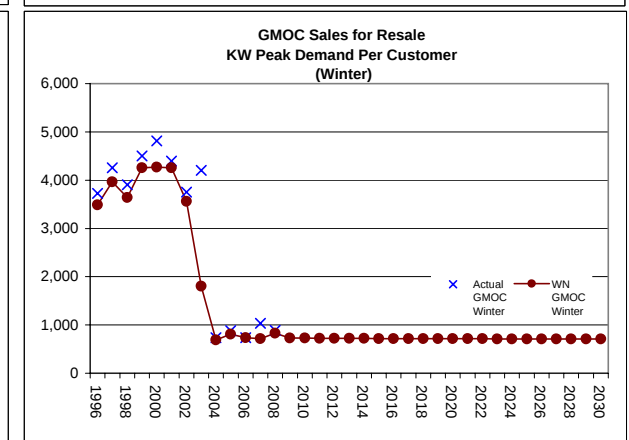
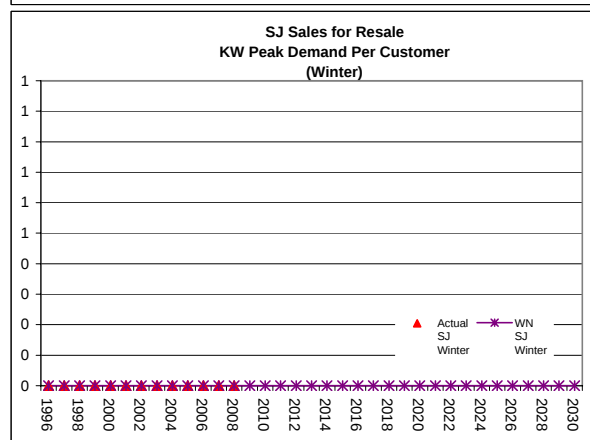
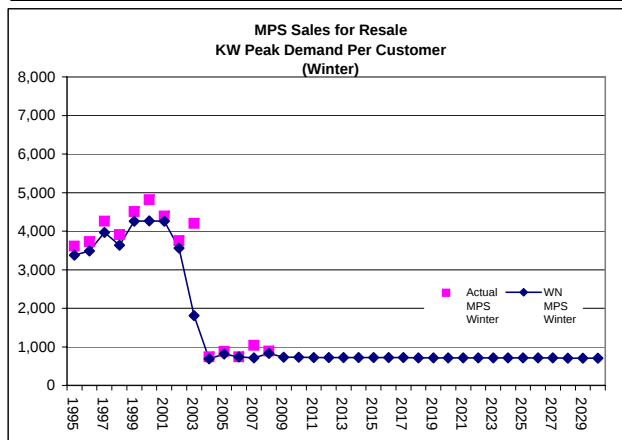
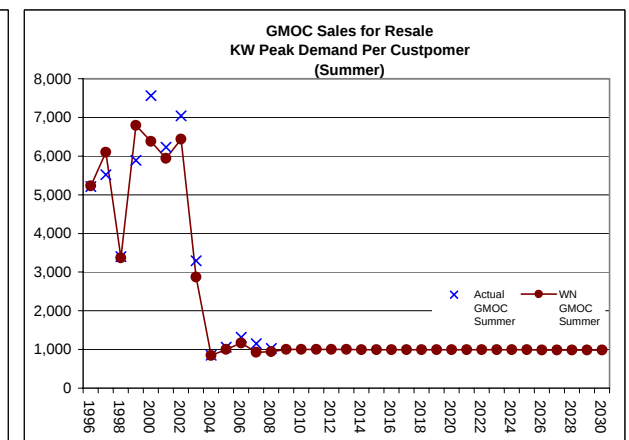
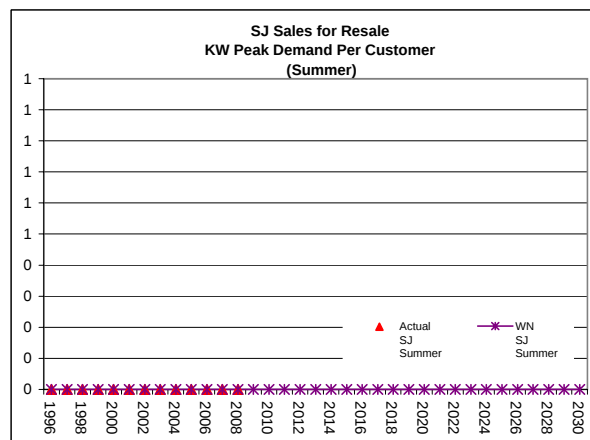
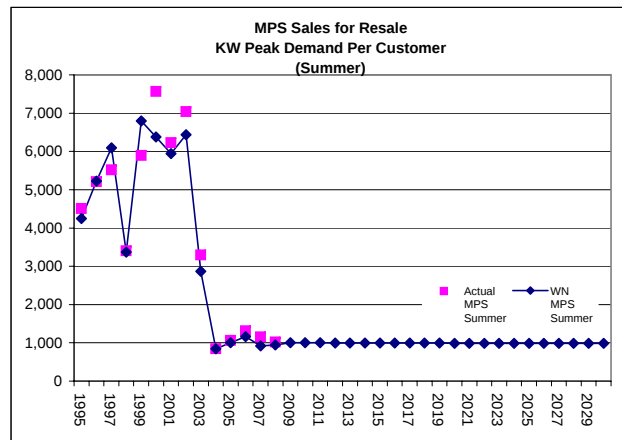


**St. Joseph Lighting Jump's due to change in methodology for accounting for private lighting after being acquired by MPS

**Data points that are zero are from differences in system coincident peak time falling later (Morning) or early (Early Evening) in day when there is no lighting load

Plot I-12 MPS & SJ Sales for Resale KW Peak Demand Per Customer
(Actual vs. Weather Normalized)

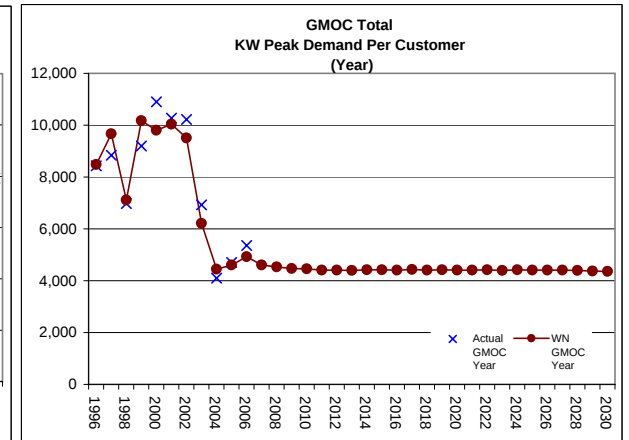
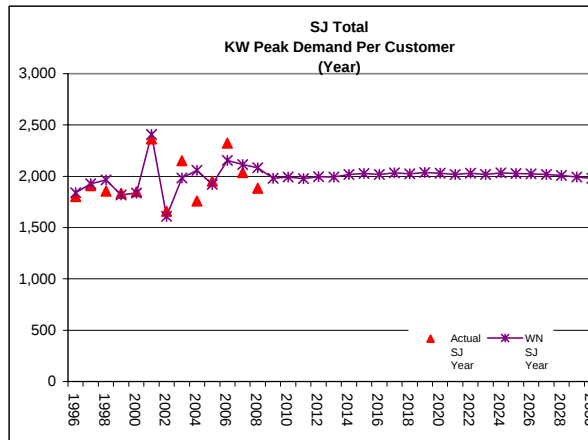
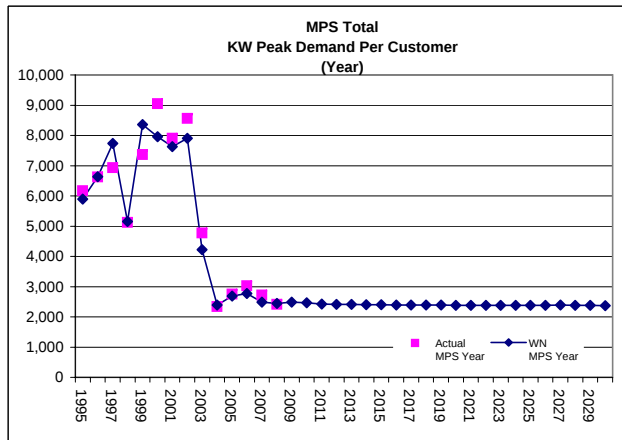
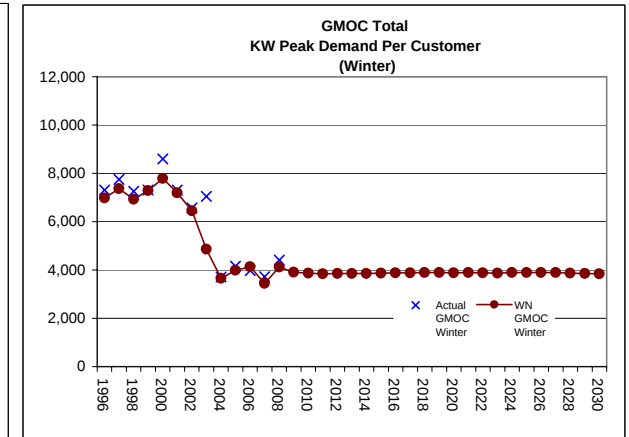
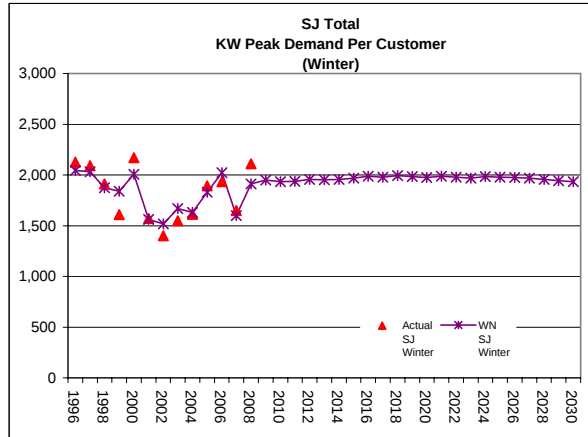
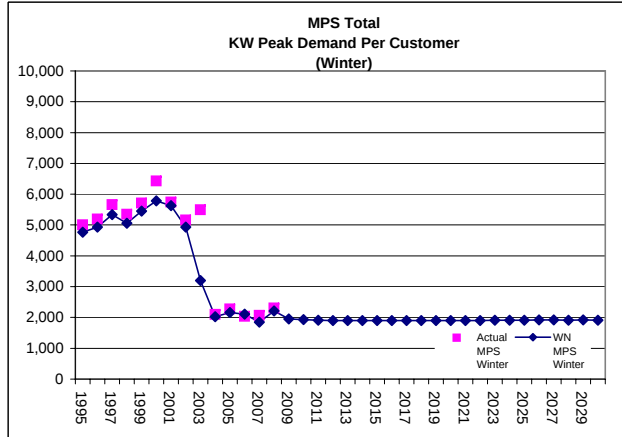
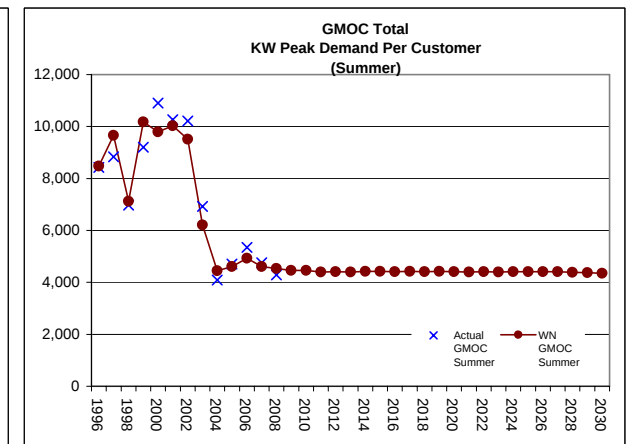
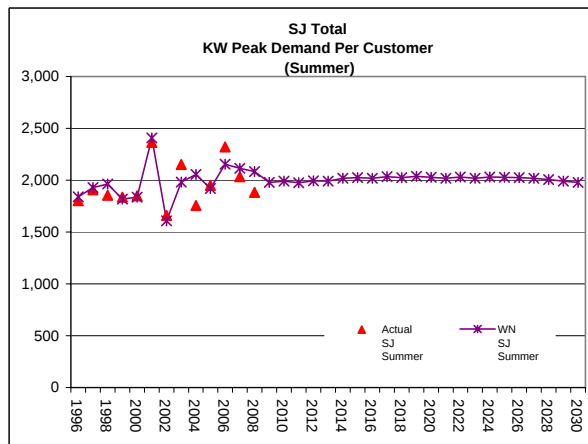
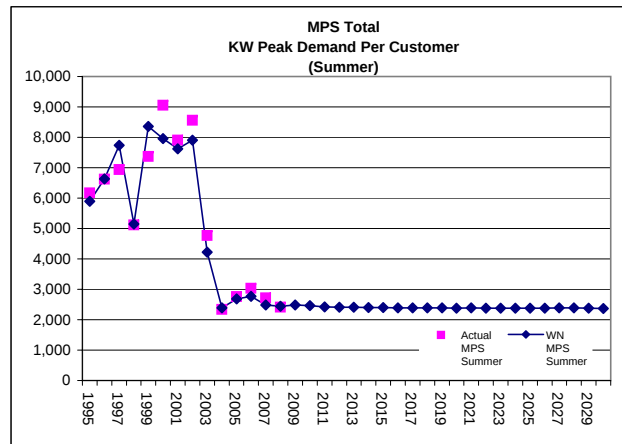
Year	Actual MPS Summer	WN MPS Summer	Actual MPS Winter	WN MPS Winter	Actual MPS Total	WN MPS Total	Actual SJ Summer	WN SJ Summer	Actual SJ Winter	WN SJ Winter	Actual SJ Year	WN SJ Year	Actual GMOC Summer	WN GMOC Summer	Actual GMOC Winter	WN GMOC Winter	Actual GMOC Year	WN GMOC Year
1990	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1991	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1992	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1993	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1995	4,503.2	4,246.2	3,608.5	3,378.7	4,503.2	4,246.2	-	-	-	-	-	-	-	-	-	-	-	-
1996	5,210.3	5,226.8	3,723.8	3,486.9	5,210.3	5,226.8	-	-	-	-	-	-	5,210.3	5,226.8	3,723.8	3,486.9	5,210.3	5,226.8
1997	5,515.9	6,097.4	4,258.7	3,965.3	5,515.9	6,097.4	-	-	-	-	-	-	5,515.9	6,097.4	4,258.7	3,965.3	5,515.9	6,097.4
1998	3,400.4	3,365.1	3,904.7	3,638.8	3,400.4	3,365.1	-	-	-	-	-	-	3,400.4	3,365.1	3,904.7	3,638.8	3,400.4	3,365.1
1999	5,893.8	6,794.8	4,502.3	4,253.3	5,893.8	6,794.8	-	-	-	-	-	-	5,893.8	6,794.8	4,502.3	4,253.3	5,893.8	6,794.8
2000	7,562.6	6,376.5	4,810.5	4,268.5	7,562.6	6,376.5	-	-	-	-	-	-	7,562.6	6,376.5	4,810.5	4,268.5	7,562.6	6,376.5
2001	6,228.2	5,944.1	4,393.1	4,259.0	6,228.2	5,944.1	-	-	-	-	-	-	6,228.2	5,944.1	4,393.1	4,259.0	6,228.2	5,944.1
2002	7,038.0	6,436.5	3,752.8	3,562.9	7,038.0	6,436.5	-	-	-	-	-	-	7,038.0	6,436.5	3,752.8	3,562.9	7,038.0	6,436.5
2003	3,296.0	2,871.3	4,201.3	1,805.3	3,296.0	2,871.3	-	-	-	-	-	-	3,296.0	2,871.3	4,201.3	1,805.3	3,296.0	2,871.3
2004	848.2	840.5	739.1	689.7	848.2	840.5	-	-	-	-	-	-	848.2	840.5	739.1	689.7	848.2	840.5
2005	1,059.2	1,001.7	881.5	811.5	1,059.2	1,001.7	-	-	-	-	-	-	1,059.2	1,001.7	881.5	811.5	1,059.2	1,001.7
2006	1,314.9	1,165.4	738.4	738.3	1,314.9	1,165.4	-	-	-	-	-	-	1,314.9	1,165.4	738.4	738.3	1,314.9	1,165.4
2007	1,151.0	923.3	1,037.5	713.1	1,151.0	923.3	-	-	-	-	-	-	1,151.0	923.3	1,037.5	713.1	1,151.0	923.3
2008	1,022.8	941.5	886.1	830.9	1,022.8	941.5	-	-	-	-	-	-	1,022.8	941.5	886.1	830.9	1,022.8	941.5
2009		1,002.1		727.8		1,002.1		-		-		-		1,002.1		727.8		1,002.1
2010		1,001.1		726.7		1,001.1		-		-		-		1,001.1		726.7		1,001.1
2011		999.3		724.5		999.3		-		-		-		999.3		724.5		999.3
2012		998.3		723.4		998.3		-		-		-		998.3		723.4		998.3
2013		997.9		721.4		997.9		-		-		-		997.9		721.4		997.9
2014		995.7		721.1		995.7		-		-		-		995.7		721.1		995.7
2015		994.0		718.8		994.0		-		-		-		994.0		718.8		994.0
2016		994.2		718.4		994.2		-		-		-		994.2		718.4		994.2
2017		993.8		717.9		993.8		-		-		-		993.8		717.9		993.8
2018		992.3		715.7		992.3		-		-		-		992.3		715.7		992.3
2019		992.3		715.3		992.3		-		-		-		992.3		715.3		992.3
2020		990.3		715.0		990.3		-		-		-		990.3		715.0		990.3
2021		990.5		713.1		990.5		-		-		-		990.5		713.1		990.5
2022		990.3		712.9		990.3		-		-		-		990.3		712.9		990.3
2023		988.7		712.5		988.7		-		-		-		988.7		712.5		988.7
2024		988.9		712.0		988.9		-		-		-		988.9		712.0		988.9
2025		988.7		711.9		988.7		-		-		-		988.7		711.9		988.7
2026		988.4		711.5		988.4		-		-		-		988.4		711.5		988.4
2027		988.6		711.4		988.6		-		-		-		988.6		711.4		988.6
2028		988.4		709.5		988.4		-		-		-		988.4		709.5		988.4
2029		987.0		709.1		987.0		-		-		-		987.0		709.1		987.0
2030		986.9		708.8		986.9		-		-		-		986.9		708.8		986.9
96-'08	-12.7%	-13.3%	-11.3%	-11.3%	-12.7%	-13.3%							-12.7%	-13.3%	-11.3%	-11.3%	-12.7%	-13.3%
08-'10		3.1%		-6.5%		3.1%								3.1%		-6.5%		3.1%
10-'15		-0.1%		-0.2%		-0.1%								-0.1%		-0.2%		-0.1%
15-'20		-0.1%		-0.1%		-0.1%								-0.1%		-0.1%		-0.1%
20-'25		0.0%		-0.1%		0.0%								0.0%		-0.1%		0.0%
25-'30		0.0%		-0.1%		0.0%								0.0%		-0.1%		0.0%
08-'30		0.2%		-0.7%		0.2%								0.2%		-0.7%		0.2%



*In 2004/2005, El Dorado Springs, Odessa, and Harrisonville were no longer Sales for Resale customers.

Plot I-13 MPS & SJ Total KW Peak Demand Per Customer
(Actual vs. Weather Normalized)

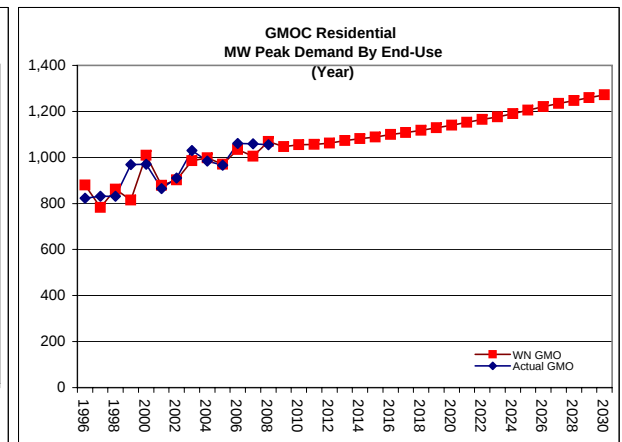
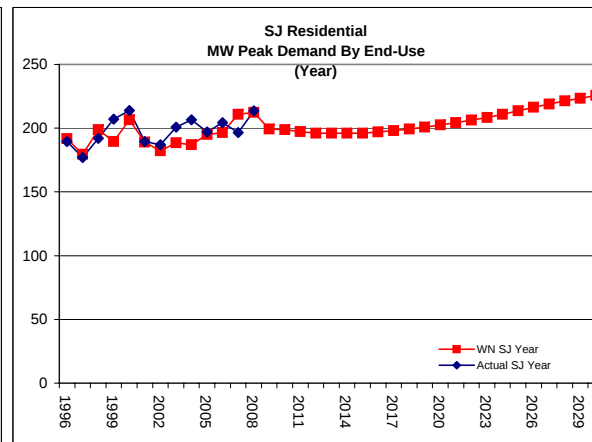
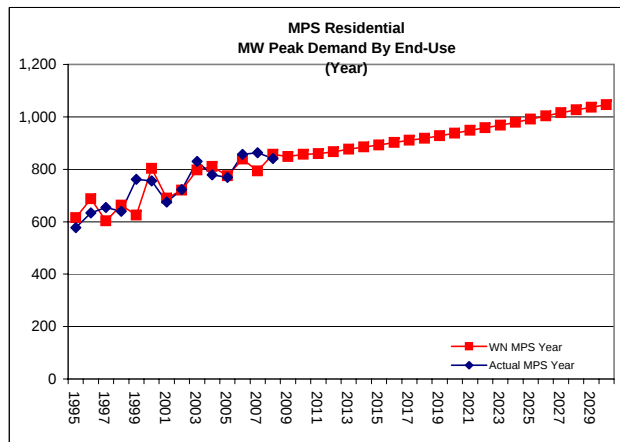
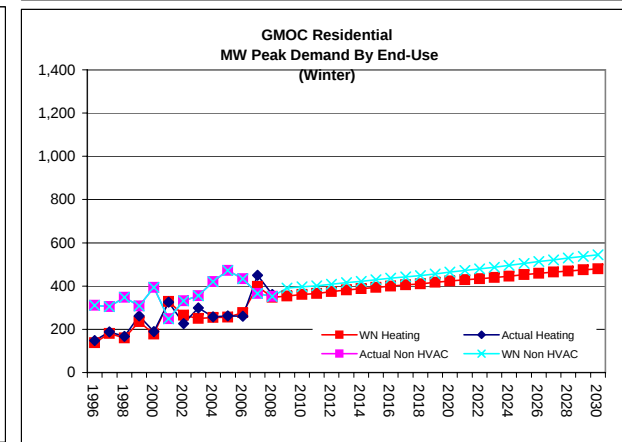
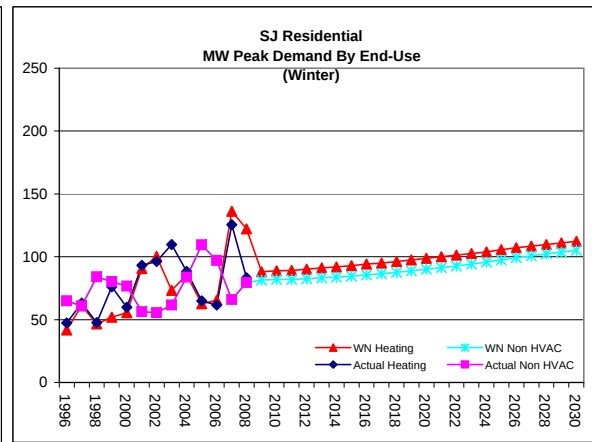
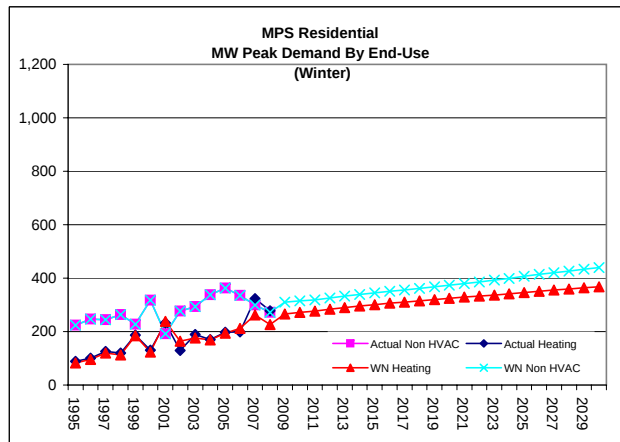
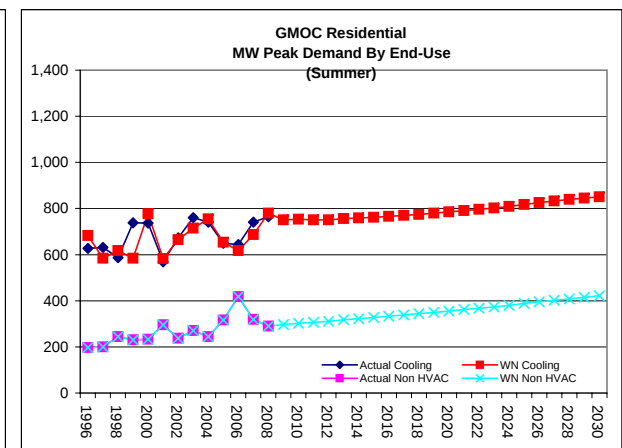
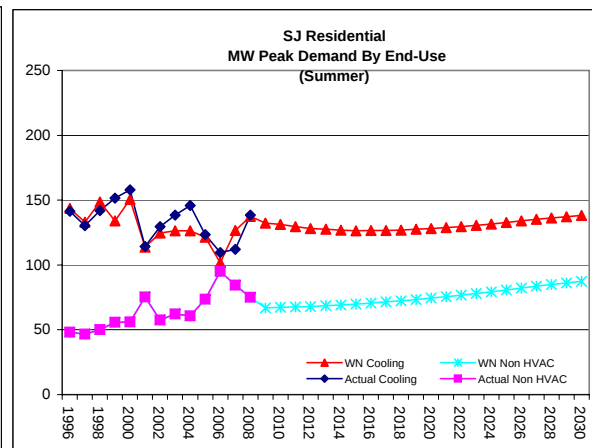
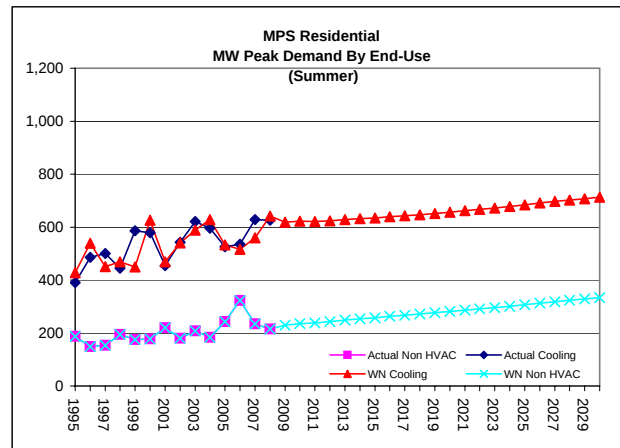
Year	Actual MPS Summer	WN MPS Summer	Actual MPS Winter	WN MPS Winter	Actual MPS Year	WN MPS Year	Actual SJ Summer	WN SJ Summer	Actual SJ Winter	WN SJ Winter	Actual SJ Year	WN SJ Year	Actual GMOC Summer	WN GMOC Summer	Actual GMOC Winter	WN GMOC Winter	Actual GMOC Year	WN GMOC Year
1990	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1991	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1992	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1993	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1995	6,168.8	5,896.1	5,008.9	4,761.6	6,168.8	5,896.1	-	-	-	-	-	-	-	-	-	-	-	-
1996	6,626.3	6,635.0	5,190.1	4,935.1	6,626.3	6,635.0	1,803.5	1,840.6	2,127.6	2,044.8	1,803.5	1,840.6	8,429.8	8,475.6	7,317.7	6,979.8	8,429.8	8,475.6
1997	6,931.7	7,733.0	5,657.1	5,337.1	6,931.7	7,733.0	1,907.2	1,927.8	2,090.8	2,030.4	1,907.2	1,927.8	8,838.9	9,660.8	7,747.9	7,367.5	8,838.9	9,660.8
1998	5,118.1	5,151.8	5,345.9	5,056.6	5,118.1	5,151.8	1,854.6	1,964.0	1,912.6	1,873.8	1,854.6	1,964.0	6,972.7	7,115.7	7,258.5	6,930.4	6,972.7	7,115.7
1999	7,366.9	8,360.9	5,707.3	5,447.0	7,366.9	8,360.9	1,834.9	1,817.5	1,607.5	1,838.4	1,834.9	1,817.5	9,201.8	10,178.4	7,314.9	7,285.4	9,201.8	10,178.4
2000	9,052.6	7,962.3	6,426.5	5,780.5	9,052.6	7,962.3	1,850.2	1,835.9	2,168.9	2,006.6	1,850.2	1,835.9	10,902.7	9,798.2	8,595.4	7,787.1	10,902.7	9,798.2
2001	7,903.4	7,624.8	5,741.2	5,628.1	7,903.4	7,624.8	2,364.6	2,408.4	1,571.8	1,562.1	2,364.6	2,408.4	10,267.9	10,033.2	7,313.0	7,190.2	10,267.9	10,033.2
2002	8,560.1	7,901.8	5,165.9	4,931.9	8,560.1	7,901.8	1,659.5	1,609.0	1,400.1	1,518.4	1,659.5	1,609.0	10,219.6	9,510.8	6,566.1	6,450.2	10,219.6	9,510.8
2003	4,769.1	4,222.6	5,492.4	3,196.5	4,769.1	4,222.6	2,152.6	1,982.4	1,550.0	1,667.3	2,152.6	1,982.4	6,921.7	6,205.0	7,042.4	4,863.8	6,921.7	6,205.0
2004	2,337.3	2,391.2	2,098.0	2,029.3	2,337.3	2,391.2	1,757.4	2,056.9	1,612.0	1,631.4	1,757.4	2,056.9	4,094.7	4,448.1	3,710.0	3,660.8	4,094.7	4,448.1
2005	2,754.7	2,688.2	2,271.7	2,159.5	2,754.7	2,688.2	1,951.4	1,919.5	1,891.8	1,829.0	1,951.4	1,919.5	4,706.1	4,607.8	4,163.5	3,988.4	4,706.1	4,607.8
2006	3,030.8	2,767.9	2,037.7	2,104.5	3,030.8	2,767.9	2,321.9	2,154.9	1,934.1	2,023.1	2,321.9	2,154.9	5,352.7	4,922.7	3,971.8	4,127.6	5,352.7	4,922.7
2007	2,720.8	2,487.8	2,069.8	1,845.9	2,720.8	2,487.8	2,035.5	2,115.2	1,649.2	1,599.5	2,035.5	2,115.2	4,756.3	4,603.0	3,719.0	3,445.5	4,756.3	4,603.0
2008	2,408.9	2,445.3	2,300.4	2,208.5	2,408.9	2,445.3	1,882.2	2,084.0	2,111.8	1,912.7	1,882.2	2,084.0	4,291.1	4,529.3	4,412.3	4,121.1	4,291.1	4,529.3
2009		2,485.8		1,953.9		2,485.8		1,979.2		1,951.1		1,979.2		4,465.0		3,905.0		4,465.0
2010		2,466.2		1,932.7		2,466.2		1,992.1		1,933.9		1,992.1		4,458.2		3,866.7		4,458.2
2011		2,426.0		1,905.6		2,426.0		1,975.9		1,935.7		1,975.9		4,401.9		3,841.2		4,401.9
2012		2,412.9		1,901.6		2,412.9		1,994.9		1,955.0		1,994.9		4,407.7		3,856.6		4,407.7
2013		2,409.1		1,901.1		2,409.1		1,991.9		1,953.4		1,991.9		4,400.9		3,854.5		4,400.9
2014		2,402.6		1,897.1		2,402.6		2,018.5		1,954.6		2,018.5		4,421.1		3,851.7		4,421.1
2015		2,397.7		1,898.1		2,397.7		2,025.7		1,968.4		2,025.7		4,423.4		3,866.5		4,423.4
2016		2,394.0		1,899.4		2,394.0		2,018.3		1,987.8		2,018.3		4,412.3		3,887.2		4,412.3
2017		2,392.6		1,900.8		2,392.6		2,034.2		1,978.2		2,034.2		4,426.8		3,878.9		4,426.8
2018		2,388.2		1,899.3		2,388.2		2,023.4		1,993.1		2,023.4		4,411.6		3,892.4		4,411.6
2019		2,386.5		1,902.4		2,386.5		2,037.8		1,985.2		2,037.8		4,424.3		3,887.6		4,424.3
2020		2,384.0		1,900.2		2,384.0		2,028.6		1,975.9		2,028.6		4,412.6		3,876.1		4,412.6
2021		2,384.7		1,901.6		2,384.7		2,019.0		1,988.6		2,019.0		4,403.7		3,890.3		4,403.7
2022		2,384.1		1,903.4		2,384.1		2,030.2		1,976.9		2,030.2		4,414.2		3,880.3		4,414.2
2023		2,382.3		1,906.4		2,382.3		2,018.3		1,966.9		2,018.3		4,400.7		3,873.3		4,400.7
2024		2,381.8		1,909.1		2,381.8		2,032.2		1,982.9		2,032.2		4,414.1		3,891.9		4,414.1
2025		2,383.8		1,914.2		2,383.8		2,027.6		1,978.6		2,027.6		4,411.4		3,892.8		4,411.4
2026		2,382.1		1,919.6		2,382.1		2,023.7		1,975.7		2,023.7		4,405.9		3,895.2		4,405.9
2027		2,386.3		1,920.5		2,386.3		2,018.7		1,969.5		2,018.7		4,404.9		3,890.0		4,404.9
2028		2,384.2		1,915.7		2,384.2		2,007.2		1,955.3		2,007.2		4,391.5		3,871.0		4,391.5
2029		2,378.0		1,917.2		2,378.0		1,991.6		1,942.6		1,991.6		4,369.7		3,859.9		4,369.7
2030		2,373.3		1,912.7		2,373.3		1,979.4		1,933.2		1,979.4		4,352.7		3,846.0		4,352.7
96-'08	-8.1%	-8.0%	-6.6%	-6.5%	-8.1%	-8.0%	0.4%	1.0%	-0.1%	-0.6%	0.4%	1.0%	-5.5%	-5.1%	-4.1%	-4.3%	-5.5%	-5.1%
08-'10		0.4%		-6.5%		0.4%		-2.2%		0.6%		-2.2%		-0.8%		-3.1%		-0.8%
10-'15		-0.6%		-0.4%		-0.6%		0.3%		0.4%		0.3%		-0.2%		0.0%		-0.2%
15-'20		-0.1%		0.0%		-0.1%		0.0%		0.1%		0.0%		0.0%		0.0%		0.0%
20-'25		0.0%		0.1%		0.0%		0.0%		0.0%		0.0%		0.0%		0.1%		0.0%
25-'30		-0.1%		0.0%		-0.1%		-0.5%		-0.5%		-0.5%		-0.3%		-0.2%		-0.3%
08-'30		-0.1%		-0.7%		-0.1%		-0.2%		0.0%		-0.2%		-0.2%		-0.3%		-0.2%



Plot I-14 MPS & SJ Residential MW Peak Demand By End-Use

Year	MPS										SJ									
	Cooling		Heating		Non-HVAC Summer		Non-HVAC Winter		Year		Cooling		Heating		Non-HVAC Summer		Non-HVAC Winter		Year	
	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN
1990																				
1991																				
1992																				
1993																				
1994																				
1995	390.0	427.7	88.2	83.1	187.9	187.9	224.0	224.0	577.9	615.5										
1996	485.5	539.3	100.3	95.7	148.3	148.3	246.5	246.5	633.9	687.6	141.4	143.7	47.4	41.8	48.1	48.1	64.9	64.9	189.5	191.8
1997	500.9	450.6	125.4	119.5	153.0	153.0	244.2	244.2	653.9	603.6	130.4	132.9	63.2	61.1	46.6	46.6	60.8	60.8	177.0	179.5
1998	445.1	468.4	120.1	112.9	194.3	194.3	263.4	263.4	639.4	662.7	141.9	148.7	47.6	46.6	50.1	50.1	84.0	84.0	192.0	198.8
1999	586.5	449.7	186.3	183.9	175.2	175.2	227.9	227.9	761.7	624.9	151.5	133.9	76.1	51.9	55.7	55.7	80.2	80.2	207.1	189.6
2000	578.4	625.8	129.9	122.8	177.5	177.5	317.1	317.1	756.0	803.3	157.9	150.6	59.7	55.5	56.0	56.0	76.6	76.6	213.9	206.7
2001	454.4	469.2	232.4	238.2	220.2	220.2	192.2	192.2	674.6	689.4	114.2	113.8	93.3	90.7	75.2	75.2	56.4	56.4	189.5	189.0
2002	543.0	539.7	129.6	163.9	180.1	180.1	276.5	276.5	723.1	719.8	129.5	124.7	96.3	100.2	57.5	57.5	55.5	55.5	187.0	182.2
2003	621.4	588.9	189.2	176.0	208.3	208.3	293.1	293.1	829.7	797.2	138.5	126.2	109.6	73.4	62.2	62.2	61.5	61.5	200.7	188.5
2004	595.3	627.9	169.5	169.1	183.1	183.1	337.3	337.3	778.4	811.0	145.8	126.3	88.3	85.5	60.7	60.7	83.7	83.7	206.5	187.0
2005	525.8	532.5	197.5	193.7	243.1	243.1	362.8	362.8	768.9	775.6	123.5	121.3	64.8	62.5	73.6	73.6	109.4	109.4	197.1	195.0
2006	534.8	516.0	198.9	211.8	322.1	322.1	335.9	335.9	856.9	838.2	109.5	101.6	61.5	65.3	95.0	95.0	97.0	97.0	204.4	196.6
2007	628.3	559.6	323.7	262.3	234.3	234.3	299.5	299.5	862.6	793.9	112.2	126.5	125.5	136.2	84.3	84.3	65.9	65.9	196.5	210.9
2008	626.4	642.2	277.6	226.0	215.1	215.1	272.3	272.3	841.5	857.3	138.5	137.4	83.3	122.3	75.0	75.0	79.4	79.4	213.5	212.4
2009		618.5		265.6		229.7		309.7		848.2		132.4		88.1		66.9		81.5		199.3
2010		621.8		271.8		235.1		315.2		856.9		131.3		88.9		67.5		81.9		198.8
2011		620.8		276.4		238.5		319.0		859.3		129.6		89.2		67.6		81.9		197.2
2012		623.1		283.6		243.2		326.1		866.3		128.1		90.2		67.9		82.5		196.1
2013		628.3		290.3		248.7		332.9		877.1		127.6		91.2		68.6		83.2		196.1
2014		631.6		295.4		253.4		338.6		885.0		126.9		91.9		69.1		83.7		196.0
2015		634.8		300.8		258.0		344.7		892.8		126.4		92.9		69.7		84.6		196.1
2016		639.5		306.0		263.0		350.9		902.5		126.5		94.1		70.6		85.6		197.1
2017		643.1		310.2		267.2		356.0		910.3		126.7		95.1		71.4		86.5		198.1
2018		646.8		314.4		271.5		361.3		918.3		127.0		96.2		72.3		87.6		199.3
2019		651.8		319.4		276.2		367.6		928.0		127.5		97.4		73.3		88.8		200.8
2020		656.6		324.1		281.2		374.0		937.8		128.1		98.7		74.4		90.1		202.6
2021		662.0		328.8		286.2		380.2		948.2		128.8		100.0		75.6		91.4		204.4
2022		667.0		332.9		291.1		386.2		958.1		129.6		101.2		76.7		92.7		206.3
2023		671.9		337.0		296.0		392.4		967.8		130.4		102.5		77.9		94.1		208.4
2024		677.8		341.7		301.4		399.4		979.3		131.5		104.0		79.3		95.8		210.8
2025		684.4		346.6		307.1		406.6		991.5		132.8		105.5		80.8		97.6		213.6
2026		691.1		351.4		312.8		413.8		1,003.9		134.1		107.1		82.2		99.2		216.3
2027		697.4		355.7		318.4		420.5		1,015.8		135.3		108.5		83.7		100.8		219.0
2028		702.5		359.6		323.6		426.9		1,026.2		136.3		109.8		85.0		102.3		221.3
2029		707.5		363.5		328.6		433.0		1,036.1		137.2		111.0		86.2		103.7		223.4
2030		712.4		367.5		333.7		439.4		1,046.1		138.1		112.3		87.5		105.1		225.6
96-'08	2.1%	1.5%	8.9%	7.4%	3.1%	3.1%	0.8%	0.8%	2.4%	1.9%	-0.2%	-0.4%	4.8%	9.3%	3.8%	3.8%	1.7%	1.7%	1.0%	0.9%
08-'10		-1.6%		9.7%		4.5%		7.6%		0.0%		-2.3%		-14.7%		-5.1%		1.6%		-3.3%
10-'15		0.4%		2.0%		1.9%		1.8%		0.8%		-0.8%		0.9%		0.7%		0.6%		-0.3%
15-'20		0.7%		1.5%		1.7%		1.6%		1.0%		0.3%		1.2%		1.3%		1.3%		0.6%
20-'25		0.8%		1.3%		1.8%		1.7%		1.1%		0.7%		1.3%		1.7%		1.6%		1.1%
25-'30		0.8%		1.2%		1.7%		1.6%		1.1%		0.8%		1.2%		1.6%		1.5%		1.1%
08-'30		0.5%		2.2%		2.0%		2.2%		0.9%		0.0%		-0.4%		0.7%		1.3%		0.3%

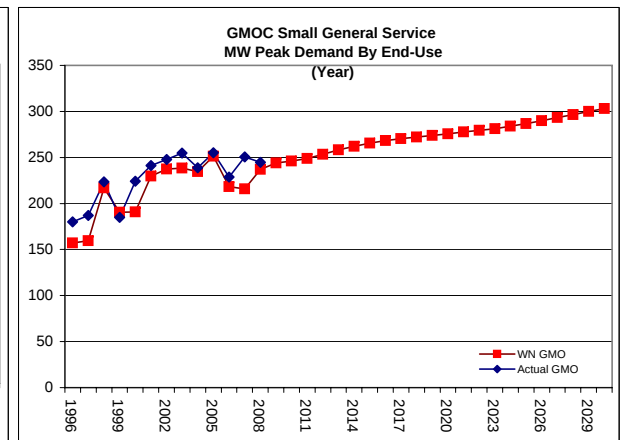
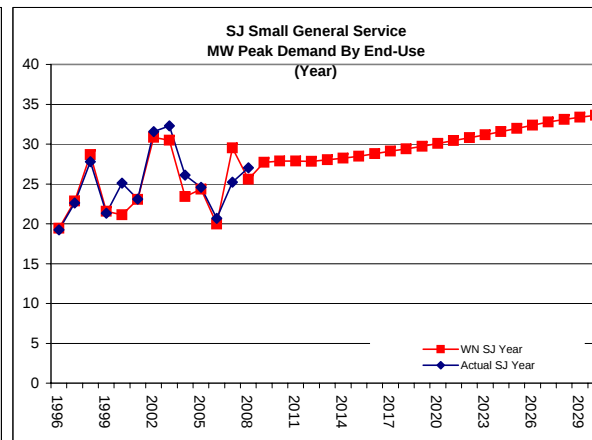
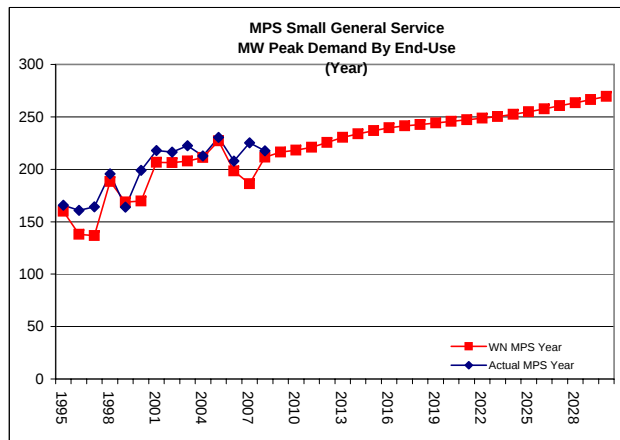
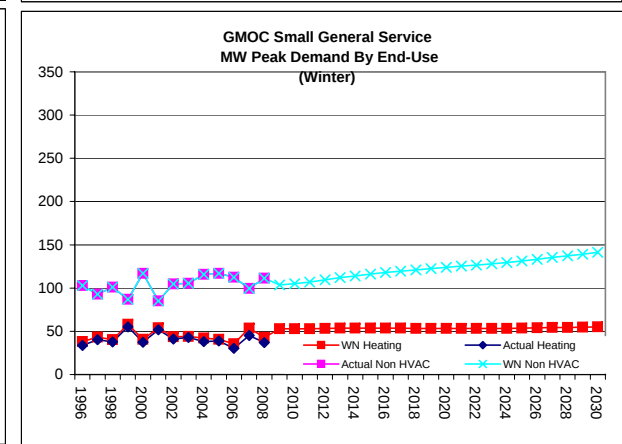
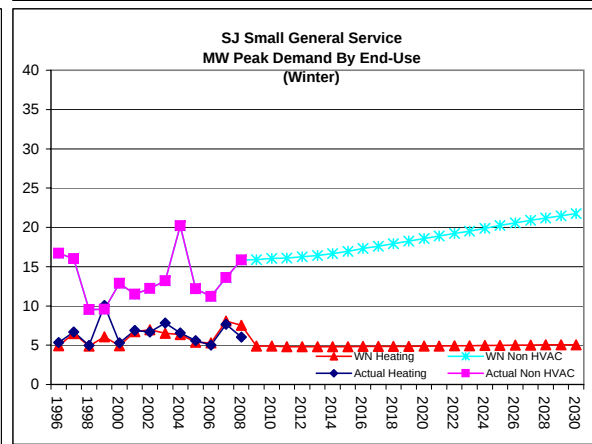
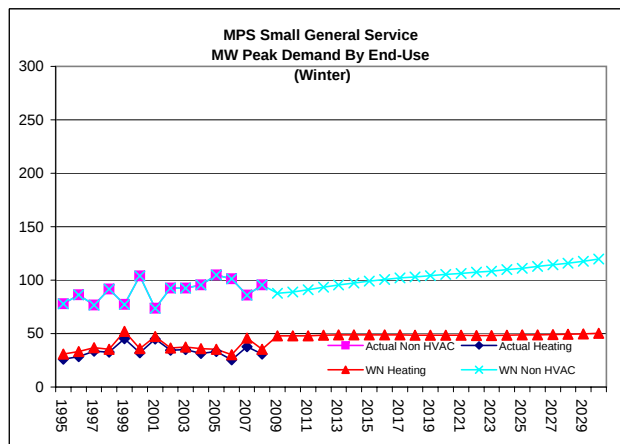
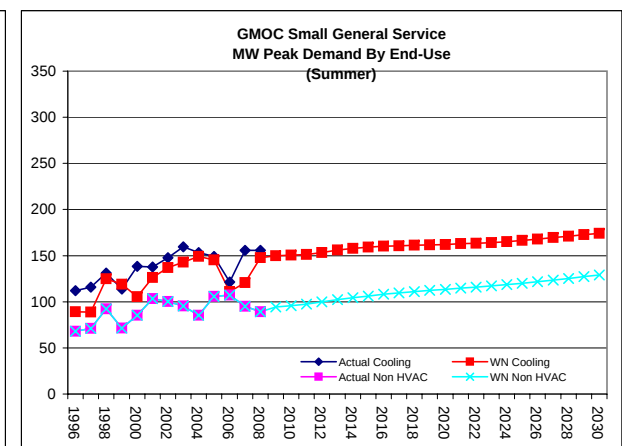
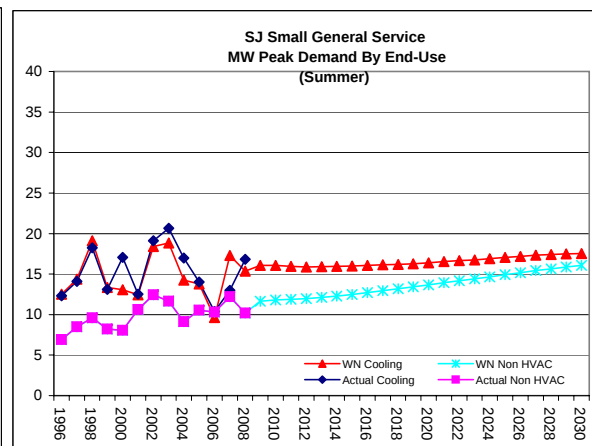
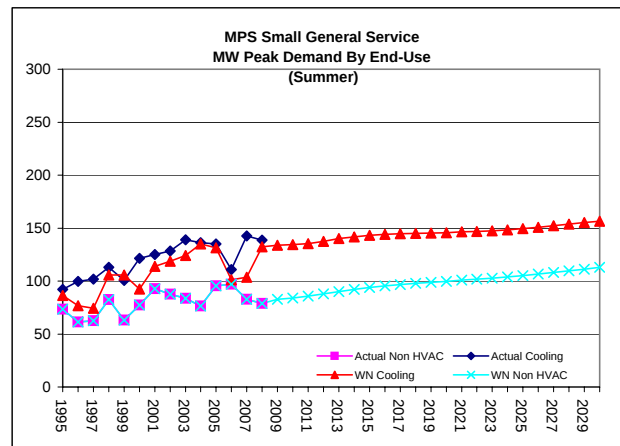
Year	GMOC									
	Cooling		Heating		Non-HVAC Summer		Non-HVAC Winter		Year	
	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN
1990										
1991										
1992										
1993										
1994										
1995										
1996	627.0	683.0	147.7	137.5	196.4	196.4	311.4	311.4	823.4	879.4
1997	631.3	583.5	188.7	180.6	199.6	199.6	304.9	304.9	830.9	783.1
1998	587.0	617.1	167.7	159.5	244.4	244.4	347.3	347.3	831.4	861.4
1999	738.0	583.6	262.4	235.8	230.9	230.9	308.1	308.1	968.9	814.5
2000	736.3	776.4	189.7	178.3	233.6	233.6	393.7	393.7	969.9	1,010.0
2001	568.7	583.0	325.7	328.9	295.4	295.4	248.5	248.5	864.1	878.4
2002	672.5	664.5	225.8	264.2	237.6	237.6	331.9	331.9	910.1	902.1
2003	759.9	715.1	298.8	249.4	270.5	270.5	354.6	354.6	1,030.4	985.6
2004	741.1	754.2	257.9	254.6	243.8	243.8	421.0	421.0	984.9	998.0
2005	649.3	653.9	262.3	256.2	316.8	316.8	472.2	472.2	966.0	970.6
2006	644.2	617.7	260.4	277.1	417.1	417.1	432.9	432.9	1,061.4	1,034.8
2007	740.5	686.2	449.2	398.5	318.6	318.6	365.3	365.3	1,059.0	1,004.7
2008	764.9	779.6	360.9	348.2	290.1	290.1	351.7	351.7	1,055.0	1,069.7
2009		750.9		353.7		296.6		391.2		1,047.5
2010		753.1		360.7		302.5		397.1		1,055.6
2011		750.4		365.6		306.1		400.8		1,056.5
2012		751.3		373.8		311.1		408.6		1,062.4
2013		755.9		381.5		317.3		416.1		1,073.2
2014		758.5		387.4		322.5		422.3		1,081.0
2015		761.3		393.7		327.7		429.2		1,089.0
2016		766.0		400.1		333.6		436.6		1,099.5
2017		769.7		405.2		338.7		442.5		1,108.4
2018		773.8		410.6		343.8		448.9		1,117.5
2019		779.3		416.8		349.5		456.4		1,128.8
2020		784.7		422.8		355.6		464.1		1,140.3
2021		790.9		428.8		361.8		471.6		1,152.6
2022		796.6		434.1		367.8		478.9		1,164.4
2023		802.3		439.5		373.9		486.5		1,176.2
2024		809.4		445.7		380.7		495.2		1,190.1
2025		817.2		452.1		387.9		504.2		1,205.1
2026		825.1		458.5		395.1		513.1		1,220.2
2027		832.7		464.2		402.1		521.4		1,234.8
2028		838.8		469.3		408.6		529.2		1,247.4
2029		844.7		474.5		414.8		536.7		1,259.5
2030		850.5		479.8		421.2		544.5		1,271.7
	1.7%	1.1%	7.7%	8.1%	3.3%	3.3%	1.0%	1.0%	2.1%	1.6%
		-1.7%		1.8%		2.1%		6.3%		-0.7%
		0.2%		1.8%		1.6%		1.6%		0.6%
		0.6%		1.4%		1.6%		1.6%		0.9%
		0.8%		1.3%		1.8%		1.7%		1.1%
		0.8%		1.2%		1.7%		1.6%		1.1%
		0.4%		1.5%		1.7%		2.0%		0.8%



Plot I-15 MPS & SJ Small General Service MW Peak Demand By End-Use

Year	MPS										SJ									
	Cooling		Heating		Non-HVAC Summer		Non-HVAC Winter		Year		Cooling		Heating		Non-HVAC Summer		Non-HVAC Winter		Year	
	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN
1990																				
1991																				
1992																				
1993																				
1994																				
1995	92.2	86.3	26.1	30.8	73.5	73.5	77.7	77.7	165.7	159.8										
1996	99.7	76.6	28.5	33.3	61.2	61.2	86.1	86.1	161.0	137.8	12.3	12.5	5.3	4.9	6.9	6.9	16.7	16.7	19.2	19.4
1997	101.8	74.3	33.6	36.8	62.5	62.5	76.8	76.8	164.3	136.8	14.1	14.4	6.7	6.5	8.5	8.5	16.0	16.0	22.6	22.9
1998	113.0	105.7	32.7	35.4	82.6	82.6	91.6	91.6	195.6	188.3	18.2	19.1	5.0	4.9	9.6	9.6	9.5	9.5	27.8	28.7
1999	100.7	105.7	45.2	52.1	63.1	63.1	77.4	77.4	163.8	168.8	13.1	13.3	10.1	6.1	8.2	8.2	9.6	9.6	21.3	21.5
2000	121.5	92.3	32.1	35.8	77.4	77.4	103.9	103.9	198.9	169.7	17.1	13.1	5.3	4.9	8.0	8.0	12.9	12.9	25.1	21.1
2001	125.1	113.9	44.8	47.4	92.9	92.9	73.7	73.7	218.0	206.7	12.5	12.5	6.9	6.7	10.6	10.6	11.5	11.5	23.1	23.1
2002	128.5	118.7	34.6	36.6	87.7	87.7	92.5	92.5	216.3	206.4	19.1	18.4	6.7	7.0	12.4	12.4	12.2	12.2	31.6	30.9
2003	138.9	124.2	35.0	37.5	83.7	83.7	92.4	92.4	222.6	207.9	20.7	18.8	7.8	6.5	11.6	11.6	13.2	13.2	32.3	30.5
2004	136.3	134.9	31.4	35.9	76.4	76.4	95.6	95.6	212.6	211.3	17.0	14.3	6.6	6.4	9.1	9.1	20.2	20.2	26.1	23.4
2005	135.1	131.6	33.1	35.3	95.3	95.3	104.8	104.8	230.5	226.9	14.0	13.8	5.6	5.4	10.5	10.5	12.2	12.2	24.6	24.3
2006	110.9	101.3	25.5	30.4	97.1	97.1	101.3	101.3	207.9	198.4	10.4	9.6	5.0	5.3	10.3	10.3	11.2	11.2	20.7	19.9
2007	142.7	103.6	37.6	45.8	82.7	82.7	85.8	85.8	225.4	186.3	13.0	17.3	7.7	8.1	12.2	12.2	13.6	13.6	25.2	29.5
2008	138.8	132.4	30.9	35.3	79.0	79.0	95.6	95.6	217.7	211.4	16.8	15.4	6.0	7.5	10.2	10.2	15.9	15.9	27.0	25.6
2009		133.7		48.0		82.7		87.7		216.4		16.1		4.9		11.6		15.9		27.7
2010		134.3		48.0		83.9		89.1		218.2		16.1		4.9		11.8		16.0		27.9
2011		135.3		48.0		85.7		91.0		221.0		16.0		4.8		11.9		16.1		27.9
2012		137.6		48.5		87.9		93.4		225.5		15.9		4.8		12.0		16.2		27.8
2013		140.2		48.7		90.2		95.6		230.3		15.9		4.8		12.1		16.4		28.0
2014		141.7		48.8		92.1		97.4		233.8		15.9		4.8		12.3		16.6		28.2
2015		143.1		48.8		93.8		99.2		236.9		16.0		4.8		12.5		16.9		28.5
2016		144.2		48.8		95.4		100.7		239.6		16.1		4.8		12.7		17.3		28.8
2017		144.6		48.7		96.7		102.0		241.3		16.1		4.8		13.0		17.6		29.1
2018		144.9		48.5		97.8		103.1		242.7		16.2		4.8		13.2		17.9		29.4
2019		145.2		48.4		98.8		104.2		244.0		16.3		4.9		13.4		18.2		29.7
2020		145.7		48.4		99.8		105.3		245.5		16.4		4.9		13.7		18.6		30.1
2021		146.4		48.4		100.9		106.4		247.3		16.5		4.9		13.9		18.9		30.5
2022		146.8		48.3		101.8		107.4		248.7		16.6		4.9		14.2		19.2		30.8
2023		147.4		48.3		102.8		108.5		250.2		16.8		4.9		14.4		19.5		31.2
2024		148.3		48.5		103.9		109.7		252.2		16.9		5.0		14.7		19.9		31.6
2025		149.5		48.7		105.2		111.2		254.8		17.1		5.0		14.9		20.2		32.0
2026		150.8		48.9		106.7		112.8		257.5		17.2		5.0		15.2		20.6		32.4
2027		152.3		49.2		108.2		114.4		260.5		17.3		5.0		15.4		20.9		32.8
2028		153.7		49.5		109.7		116.0		263.3		17.4		5.0		15.6		21.2		33.1
2029		155.2		49.8		111.3		117.8		266.5		17.5		5.0		15.9		21.5		33.4
2030		156.5		50.2		113.0		119.7		269.6		17.5		5.1		16.1		21.7		33.6
96-'08	2.8%	4.7%	0.7%	0.5%	2.1%	2.1%	0.9%	0.9%	2.5%	3.6%	2.6%	1.7%	1.0%	3.6%	3.3%	3.3%	-0.4%	-0.4%	2.9%	2.3%
08-'10		0.7%		16.6%		3.1%		-3.5%		1.6%		2.2%		-19.7%		7.6%		0.6%		4.4%
10-'15		1.3%		0.4%		2.3%		2.2%		1.7%		-0.1%		-0.2%		1.1%		1.1%		0.4%
15-'20		0.4%		-0.2%		1.2%		1.2%		0.7%		0.5%		0.3%		1.8%		1.8%		1.1%
20-'25		0.5%		0.1%		1.1%		1.1%		0.7%		0.8%		0.4%		1.8%		1.7%		1.2%
25-'30		0.9%		0.6%		1.4%		1.5%		1.1%		0.6%		0.3%		1.5%		1.4%		1.0%
08-'30		0.8%		1.6%		1.6%		1.0%		1.1%		0.6%		-1.8%		2.1%		1.4%		1.2%

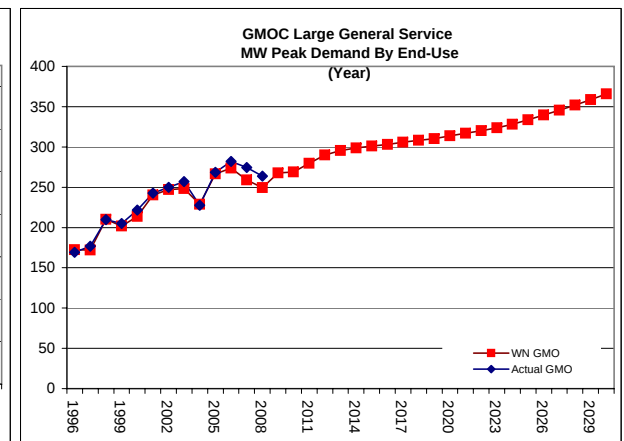
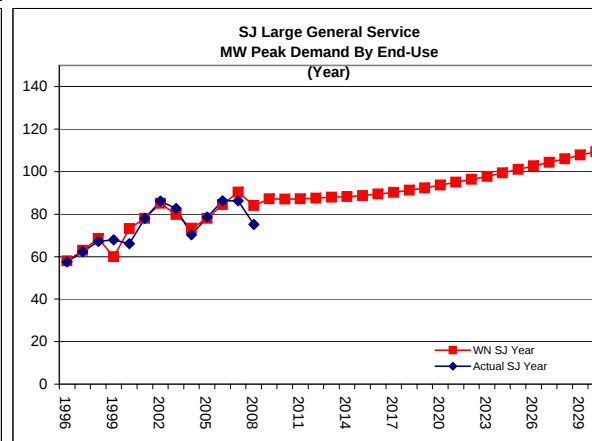
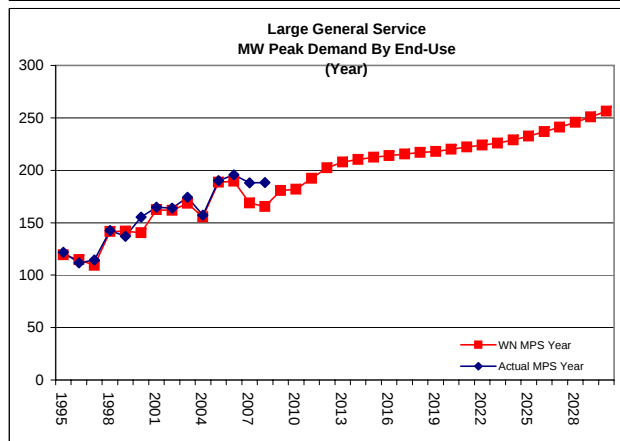
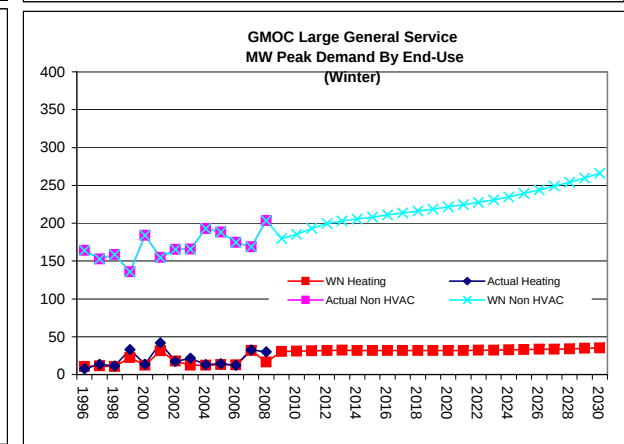
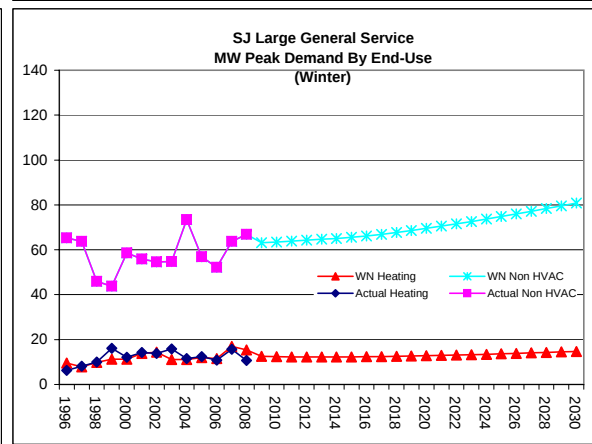
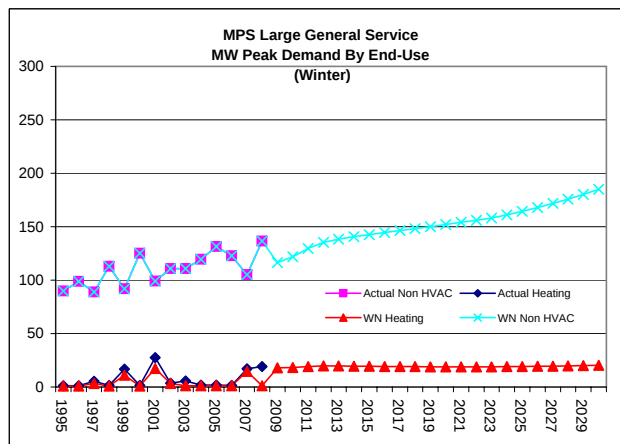
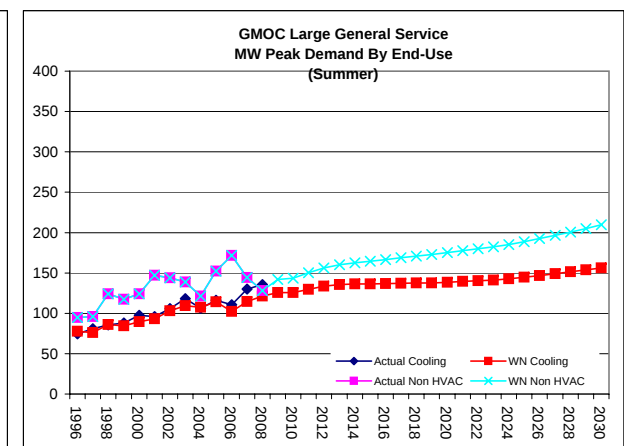
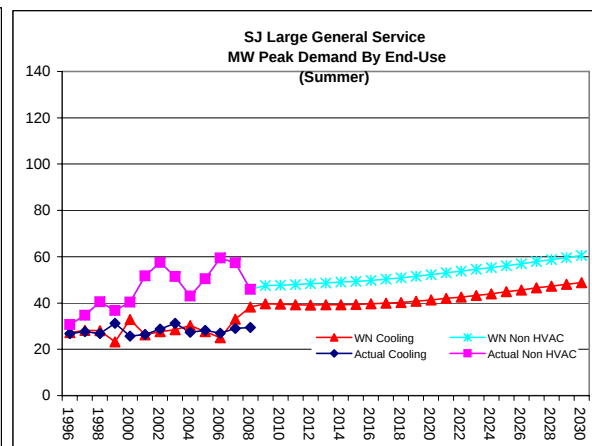
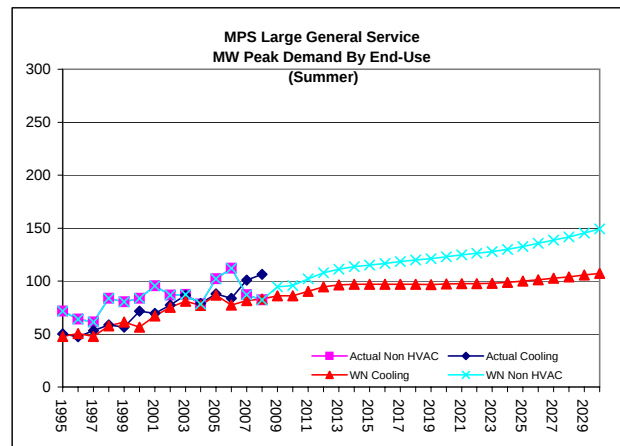
Year	GMOC									
	Cooling		Heating		Non-HVAC Summer		Non-HVAC Winter		Year	
	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN
1990										
1991										
1992										
1993										
1994										
1995										
1996	112.1	89.1	33.8	38.2	68.1	68.1	102.8	102.8	180.2	157.3
1997	115.9	88.6	40.3	43.3	71.0	71.0	92.8	92.8	186.9	159.6
1998	131.2	124.8	37.7	40.3	92.2	92.2	101.1	101.1	223.4	217.0
1999	113.8	119.0	55.2	58.2	71.3	71.3	86.9	86.9	185.1	190.3
2000	138.6	105.4	37.4	40.7	85.4	85.4	116.8	116.8	224.0	190.8
2001	137.6	126.3	51.7	54.1	103.5	103.5	85.2	85.2	241.1	229.8
2002	147.6	137.1	41.2	43.5	100.2	100.2	104.7	104.7	247.8	237.3
2003	159.6	143.1	42.9	44.0	95.3	95.3	105.6	105.6	254.9	238.4
2004	153.3	149.2	38.0	42.2	85.5	85.5	115.8	115.8	238.8	234.7
2005	149.1	145.4	38.7	40.7	105.9	105.9	117.0	117.0	255.0	251.2
2006	121.3	111.0	30.5	35.7	107.4	107.4	112.5	112.5	228.6	218.4
2007	155.7	120.8	45.3	53.8	94.9	94.9	99.4	99.4	250.6	215.8
2008	155.6	147.8	36.9	42.8	89.2	89.2	111.5	111.5	244.8	237.0
2009		149.8		52.9		94.3		103.6		244.1
2010		150.4		52.8		95.7		105.1		246.1
2011		151.3		52.8		97.6		107.1		248.9
2012		153.5		53.3		99.9		109.6		253.4
2013		156.1		53.6		102.3		112.0		258.4
2014		157.7		53.6		104.4		114.1		262.1
2015		159.1		53.7		106.3		116.1		265.4
2016		160.3		53.7		108.1		118.0		268.4
2017		160.8		53.5		109.6		119.6		270.4
2018		161.1		53.4		111.0		121.0		272.1
2019		161.5		53.3		112.3		122.4		273.7
2020		162.1		53.3		113.5		123.9		275.6
2021		162.9		53.3		114.8		125.3		277.7
2022		163.5		53.3		116.0		126.6		279.5
2023		164.2		53.3		117.2		128.0		281.4
2024		165.2		53.4		118.6		129.6		283.8
2025		166.6		53.7		120.2		131.5		286.8
2026		168.0		53.9		121.8		133.4		289.8
2027		169.7		54.2		123.6		135.3		293.3
2028		171.1		54.5		125.3		137.2		296.4
2029		172.7		54.8		127.2		139.2		299.8
2030		174.1		55.3		129.1		141.4		303.2
	2.8%	4.3%	0.7%	1.0%	2.3%	2.3%	0.7%	0.7%	2.6%	3.5%
		0.9%		11.1%		3.6%		-2.9%		1.9%
		1.1%		0.3%		2.1%		2.0%		1.5%
		0.4%		-0.1%		1.3%		1.3%		0.8%
		0.6%		0.1%		1.1%		1.2%		0.8%
		0.9%		0.6%		1.4%		1.5%		1.1%
		0.7%		1.2%		1.7%		1.1%		1.1%



Plot I-16 MPS & SJ Large General Service MW Peak Demand By End-Use

Year	MPS										SJ									
	Cooling		Heating		Non-HVAC Summer		Non-HVAC Winter		Year		Cooling		Heating		Non-HVAC Summer		Non-HVAC Winter		Year	
	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN
1990																				
1991																				
1992																				
1993																				
1994																				
1995	50.1	47.7	1.2	0.8	71.6	71.6	89.8	89.8	121.7	119.3										
1996	47.6	50.5	1.3	0.9	64.1	64.1	98.8	98.8	111.7	114.6	26.8	27.2	6.3	9.6	30.7	30.7	65.3	65.3	57.5	58.0
1997	53.0	47.8	5.3	3.4	61.4	61.4	89.0	89.0	114.4	109.2	27.7	28.2	8.1	7.8	34.7	34.7	63.8	63.8	62.4	62.9
1998	58.7	57.9	1.4	0.9	83.8	83.8	112.8	112.8	142.5	141.7	26.8	28.0	10.0	9.8	40.4	40.4	45.9	45.9	67.2	68.5
1999	56.6	61.4	16.9	11.0	80.5	80.5	91.8	91.8	137.1	141.9	31.2	23.2	16.1	11.3	36.8	36.8	43.7	43.7	68.0	60.0
2000	71.7	56.6	1.5	1.0	83.7	83.7	125.3	125.3	155.4	140.3	25.7	32.9	12.1	11.2	40.3	40.3	58.6	58.6	66.1	73.2
2001	69.4	67.1	27.5	17.5	95.3	95.3	99.1	99.1	164.7	162.4	26.4	26.3	14.2	13.8	51.7	51.7	55.9	55.9	78.1	78.0
2002	77.2	75.2	3.6	3.4	86.6	86.6	110.9	110.9	163.8	161.8	28.7	27.7	13.8	14.4	57.5	57.5	54.6	54.6	86.2	85.2
2003	86.8	81.0	5.7	1.1	87.4	87.4	110.8	110.8	174.3	168.4	31.3	28.5	15.9	11.1	51.3	51.3	54.8	54.8	82.6	79.9
2004	78.8	77.0	1.7	1.1	78.3	78.3	119.4	119.4	157.1	155.3	27.4	30.3	11.5	11.1	43.0	43.0	73.4	73.4	70.4	73.3
2005	88.0	86.6	1.8	1.2	102.0	102.0	131.4	131.4	190.0	188.5	28.2	27.7	12.4	12.0	50.4	50.4	56.9	56.9	78.6	78.1
2006	83.5	77.2	1.5	1.1	112.2	112.2	122.6	122.6	195.7	189.4	26.9	25.0	10.9	11.5	59.4	59.4	52.2	52.2	86.3	84.4
2007	101.0	81.6	17.1	14.7	87.1	87.1	105.1	105.1	188.1	168.6	29.0	33.1	15.7	17.0	57.4	57.4	63.8	63.8	86.3	90.4
2008	106.3	83.2	19.2	1.2	82.1	82.1	136.5	136.5	188.4	165.3	29.4	38.3	10.7	15.4	45.8	45.8	66.9	66.9	75.2	84.1
2009		86.0		17.9		94.6		116.4		180.5		39.7		12.5		47.5		63.2		87.2
2010		86.0		18.4		95.9		121.7		181.9		39.5		12.4		47.6		63.4		87.1
2011		90.2		19.2		102.1		129.5		192.3		39.2		12.3		48.0		63.9		87.2
2012		94.4		19.6		108.0		135.3		202.4		39.1		12.3		48.4		64.3		87.5
2013		96.4		19.7		111.3		138.4		207.7		39.2		12.3		48.7		64.7		87.9
2014		97.0		19.6		113.4		140.6		210.4		39.2		12.3		49.0		65.1		88.2
2015		97.1		19.4		115.1		142.4		212.3		39.3		12.3		49.3		65.6		88.7
2016		97.1		19.3		116.7		144.6		213.8		39.6		12.4		49.8		66.2		89.4
2017		97.1		19.2		118.4		146.5		215.5		39.9		12.5		50.3		66.9		90.2
2018		97.1		19.1		120.0		148.2		217.1		40.3		12.5		50.9		67.7		91.2
2019		96.8		19.0		121.2		150.0		218.0		40.7		12.7		51.6		68.6		92.3
2020		97.2		19.0		123.0		152.1		220.1		41.3		12.8		52.3		69.6		93.6
2021		97.5		18.9		124.6		154.1		222.1		42.0		13.0		53.0		70.6		95.0
2022		97.7		18.9		126.2		155.9		223.9		42.6		13.1		53.8		71.6		96.4
2023		98.0		18.9		127.8		158.0		225.8		43.3		13.3		54.5		72.6		97.8
2024		98.8		19.0		130.0		161.0		228.8		44.0		13.5		55.3		73.7		99.3
2025		99.9		19.2		132.7		164.4		232.6		44.9		13.7		56.1		74.8		101.0
2026		101.2		19.3		135.6		168.1		236.8		45.7		13.9		57.0		76.0		102.6
2027		102.6		19.5		138.6		171.7		241.2		46.5		14.1		57.8		77.1		104.4
2028		104.0		19.7		141.7		175.7		245.7		47.3		14.3		58.7		78.3		106.0
2029		105.6		20.0		145.2		180.1		250.9		48.1		14.5		59.6		79.6		107.8
2030		107.3		20.3		149.1		185.0		256.4		48.8		14.7		60.6		80.8		109.4
96-'08	6.9%	4.3%	25.5%	2.8%	2.1%	2.1%	2.7%	2.7%	4.5%	3.1%	0.8%	2.9%	4.4%	4.1%	3.4%	3.4%	0.2%	0.2%	2.3%	3.2%
08-'10		1.7%		288.9%		8.0%		-5.6%		4.9%		1.6%		-10.2%		1.9%		-2.6%		1.8%
10-'15		2.5%		1.1%		3.7%		3.2%		3.1%		-0.1%		-0.2%		0.7%		0.7%		0.4%
15-'20		0.0%		-0.5%		1.3%		1.3%		0.7%		1.0%		0.8%		1.2%		1.2%		1.1%
20-'25		0.6%		0.2%		1.5%		1.6%		1.1%		1.6%		1.3%		1.4%		1.5%		1.5%
25-'30		1.4%		1.2%		2.4%		2.4%		2.0%		1.7%		1.5%		1.5%		1.6%		1.6%
08-'30		1.2%		13.7%		2.7%		1.4%		2.0%		1.1%		-0.2%		1.3%		0.9%		1.2%

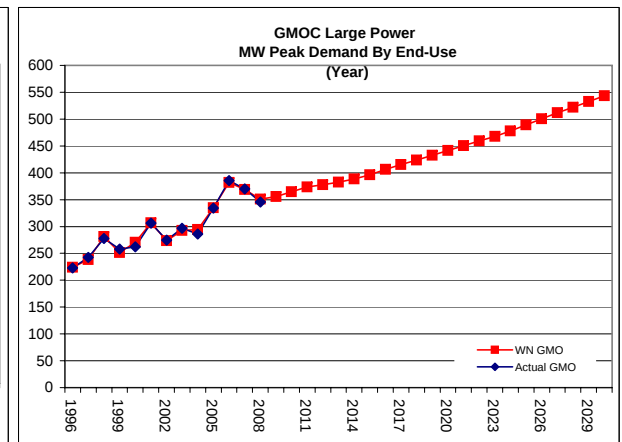
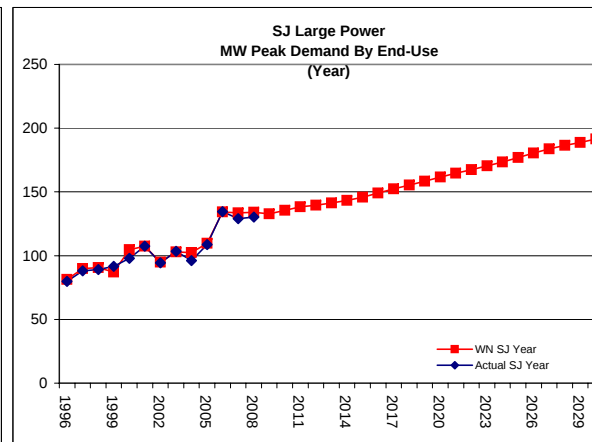
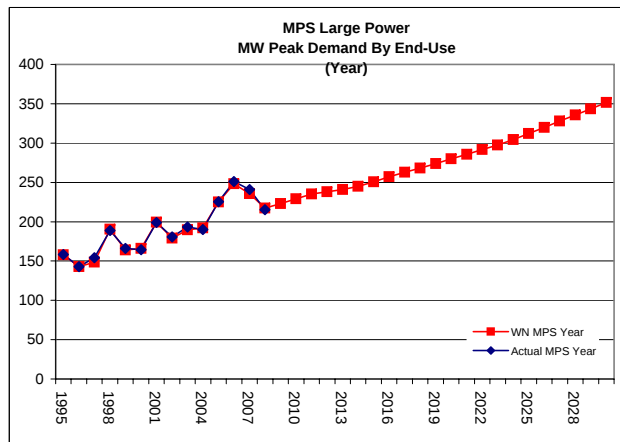
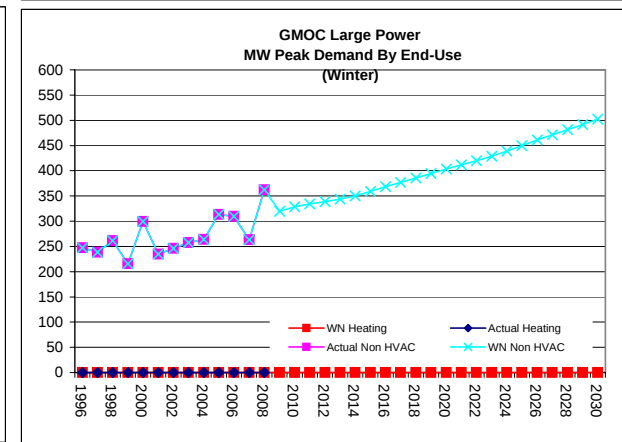
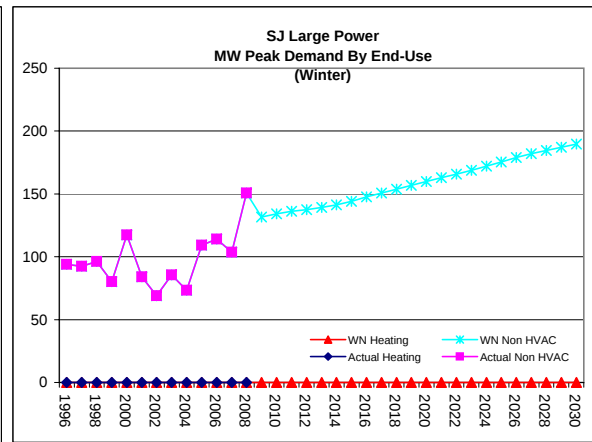
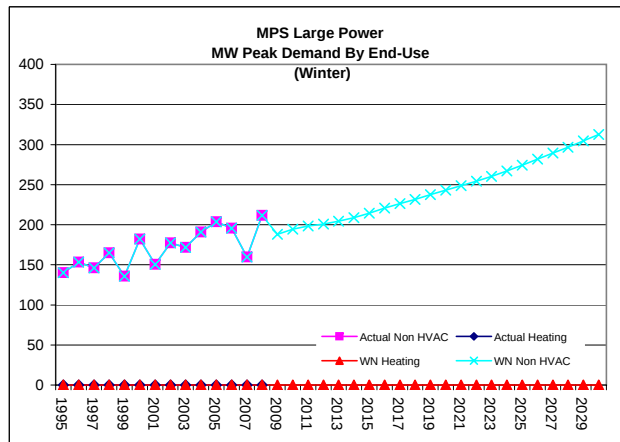
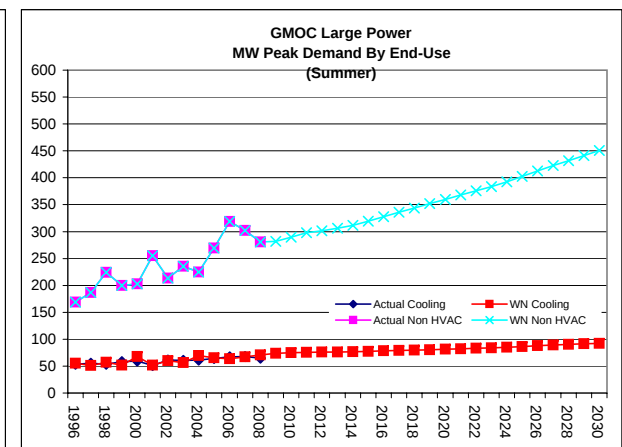
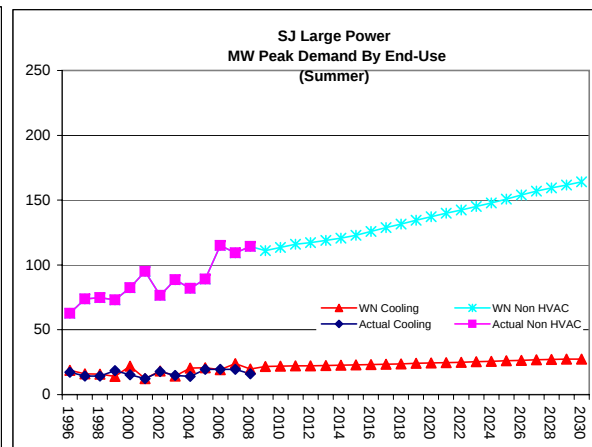
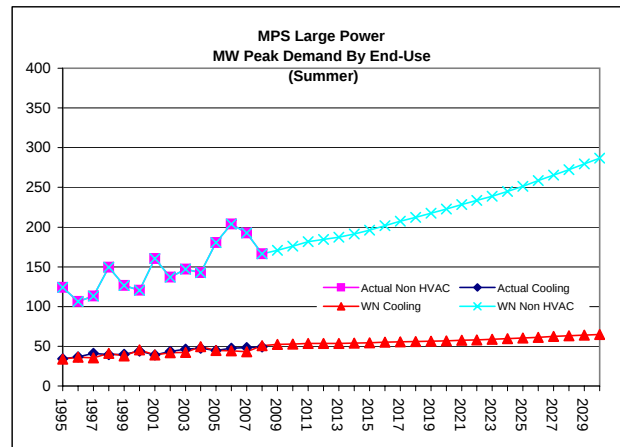
Year	GMOC									
	Cooling		Heating		Non-HVAC Summer		Non-HVAC Winter		Year	
	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN
1990										
1991										
1992										
1993										
1994										
1995										
1996	74.3	77.7	7.6	10.4	94.8	94.8	164.1	164.1	169.2	172.6
1997	80.7	76.0	13.4	11.2	96.1	96.1	152.8	152.8	176.8	172.1
1998	85.5	85.9	11.4	10.7	124.2	124.2	158.7	158.7	209.8	210.1
1999	87.8	84.6	32.9	22.3	117.3	117.3	135.6	135.6	205.1	201.9
2000	97.4	89.6	13.5	12.2	124.0	124.0	183.9	183.9	221.5	213.6
2001	95.7	93.3	41.8	31.3	147.1	147.1	155.0	155.0	242.8	240.4
2002	105.9	102.9	17.4	17.8	144.1	144.1	165.4	165.4	250.0	247.0
2003	118.1	109.5	21.6	12.2	138.8	138.8	165.6	165.6	256.9	248.3
2004	106.2	107.3	13.2	12.2	121.3	121.3	192.8	192.8	227.4	228.6
2005	116.2	114.3	14.2	13.2	152.4	152.4	188.4	188.4	268.6	266.6
2006	110.5	102.2	12.4	12.6	171.6	171.6	174.8	174.8	282.1	273.8
2007	130.0	114.6	32.7	31.7	144.4	144.4	168.9	168.9	274.4	259.0
2008	135.6	121.5	29.9	16.6	128.0	128.0	203.4	203.4	263.6	249.4
2009		125.7		30.4		142.1		179.7		267.8
2010		125.5		30.8		143.5		185.1		269.0
2011		129.4		31.4		150.1		193.4		279.5
2012		133.6		31.9		156.3		199.6		289.9
2013		135.6		32.0		160.0		203.1		295.6
2014		136.2		31.8		162.4		205.7		298.6
2015		136.5		31.7		164.5		208.0		300.9
2016		136.7		31.7		166.5		210.8		303.2
2017		137.0		31.7		168.7		213.5		305.7
2018		137.4		31.6		170.9		215.9		308.3
2019		137.5		31.7		172.8		218.6		310.3
2020		138.5		31.8		175.3		221.7		313.7
2021		139.4		31.9		177.6		224.7		317.1
2022		140.3		32.0		179.9		227.5		320.2
2023		141.3		32.2		182.3		230.7		323.6
2024		142.8		32.5		185.3		234.7		328.1
2025		144.8		32.8		188.8		239.3		333.6
2026		146.8		33.2		192.6		244.1		339.4
2027		149.1		33.6		196.5		248.9		345.6
2028		151.3		34.0		200.5		254.0		351.8
2029		153.8		34.5		204.9		259.7		358.6
2030		156.1		35.0		209.7		265.8		365.8
	5.1%	3.8%	12.1%	4.0%	2.5%	2.5%	1.8%	1.8%	3.8%	3.1%
		1.6%		36.0%		5.9%		-4.6%		3.8%
		1.7%		0.6%		2.8%		2.4%		2.3%
		0.3%		0.0%		1.3%		1.3%		0.8%
		0.9%		0.6%		1.5%		1.5%		1.2%
		1.5%		1.3%		2.1%		2.1%		1.9%
		1.1%		3.4%		2.3%		1.2%		1.8%



Plot I-17 MPS & SJ Large Power MW Peak Demand By End-Use

Year	MPS										SJ									
	Cooling		Heating		Non-HVAC Summer		Non-HVAC Winter		Year		Cooling		Heating		Non-HVAC Summer		Non-HVAC Winter		Year	
	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN
1990																				
1991																				
1992																				
1993																				
1994																				
1995	34.1	33.8	-	-	124.1	124.1	140.1	140.1	158.1	157.8										
1996	36.5	36.4	-	-	106.3	106.3	153.2	153.2	142.8	142.7	17.2	18.8	-	-	62.6	62.6	94.1	94.1	79.8	81.4
1997	41.1	35.3	-	-	113.1	113.1	146.3	146.3	154.3	148.4	14.3	16.1	-	-	73.8	73.8	92.4	92.4	88.0	89.9
1998	39.4	41.0	-	-	149.5	149.5	164.9	164.9	188.8	190.5	14.3	15.9	-	-	74.7	74.7	96.3	96.3	89.0	90.6
1999	39.7	37.7	-	-	126.5	126.5	135.7	135.7	166.2	164.2	18.5	14.1	-	-	73.1	73.1	80.2	80.2	91.6	87.2
2000	43.9	45.5	-	-	120.4	120.4	182.0	182.0	164.2	165.9	15.4	22.1	-	-	82.5	82.5	117.4	117.4	97.9	104.6
2001	39.0	39.1	-	-	160.1	160.1	150.7	150.7	199.1	199.3	12.4	12.4	-	-	95.0	95.0	84.0	84.0	107.4	107.4
2002	43.6	41.9	-	-	137.0	137.0	177.1	177.1	180.6	178.9	17.7	18.2	-	-	76.6	76.6	69.0	69.0	94.3	94.8
2003	46.2	42.3	-	-	147.1	147.1	171.7	171.7	193.3	189.5	14.8	14.3	-	-	88.6	88.6	85.6	85.6	103.4	102.9
2004	47.4	49.4	-	-	142.5	142.5	190.7	190.7	189.9	192.0	14.0	20.4	-	-	82.1	82.1	73.3	73.3	96.0	102.5
2005	44.8	44.6	-	-	180.4	180.4	203.8	203.8	225.3	225.1	19.6	20.6	-	-	89.1	89.1	109.3	109.3	108.7	109.7
2006	47.5	44.3	-	-	203.7	203.7	195.6	195.6	251.2	248.0	19.5	19.2	-	-	115.0	115.0	114.1	114.1	134.6	134.2
2007	48.4	42.9	-	-	192.6	192.6	159.7	159.7	241.0	235.5	19.6	24.0	-	-	109.4	109.4	103.7	103.7	129.0	133.4
2008	49.0	50.9	-	-	166.2	166.2	211.6	211.6	215.2	217.2	16.0	19.8	-	-	114.3	114.3	150.6	150.6	130.3	134.1
2009		52.2		-		170.8		188.0		223.1		21.7		-		111.1		131.6		132.8
2010		52.9		-		176.2		194.3		229.1		22.0		-		113.6		134.1		135.6
2011		53.5		-		181.6		198.4		235.1		22.2		-		116.0		136.1		138.2
2012		53.6		-		184.4		201.0		238.0		22.3		-		117.3		137.5		139.7
2013		53.8		-		187.2		204.3		241.0		22.5		-		118.9		139.3		141.4
2014		54.0		-		191.2		208.8		245.2		22.6		-		120.7		141.3		143.3
2015		54.5		-		196.2		214.5		250.6		22.8		-		123.0		144.2		145.8
2016		55.1		-		202.0		220.9		257.1		23.2		-		126.0		147.6		149.1
2017		55.5		-		207.4		226.4		262.9		23.5		-		128.8		150.7		152.3
2018		55.9		-		212.4		231.6		268.3		23.8		-		131.6		153.8		155.3
2019		56.4		-		217.6		237.4		274.0		24.1		-		134.4		156.9		158.5
2020		57.0		-		222.8		243.1		279.8		24.4		-		137.2		160.0		161.6
2021		57.6		-		228.2		248.9		285.8		24.7		-		139.9		163.0		164.6
2022		58.2		-		233.5		254.4		291.6		25.0		-		142.5		165.8		167.5
2023		58.8		-		238.8		260.3		297.5		25.3		-		145.0		168.7		170.4
2024		59.5		-		244.9		267.1		304.4		25.7		-		147.9		172.0		173.5
2025		60.4		-		251.5		274.4		311.9		26.1		-		150.9		175.4		177.0
2026		61.3		-		258.5		282.0		319.8		26.4		-		154.0		178.9		180.5
2027		62.3		-		265.5		289.4		327.8		26.8		-		157.0		182.1		183.8
2028		63.2		-		272.4		296.8		335.5		27.1		-		159.5		184.5		186.6
2029		64.1		-		279.5		304.5		343.6		27.3		-		161.6		187.0		188.9
2030		64.9		-		286.8		312.5		351.7		27.5		-		164.0		189.8		191.5
96-'08	2.5%	2.8%			3.8%	3.8%	2.7%	2.7%	3.5%	3.6%	-0.6%	0.4%			5.1%	5.1%	4.0%	4.0%	4.2%	4.2%
08-'10		1.9%				2.9%		-4.2%		2.7%		5.5%			-0.3%		-5.6%			0.6%
10-'15		0.6%				2.2%		2.0%		1.8%		0.8%			1.6%		1.5%			1.5%
15-'20		0.9%				2.6%		2.5%		2.2%		1.3%			2.2%		2.1%			2.1%
20-'25		1.2%				2.5%		2.5%		2.2%		1.3%			1.9%		1.9%			1.8%
25-'30		1.4%				2.7%		2.6%		2.4%		1.0%			1.7%		1.6%			1.6%
08-'30		1.1%				2.5%		1.8%		2.2%		1.5%			1.7%		1.1%			1.6%

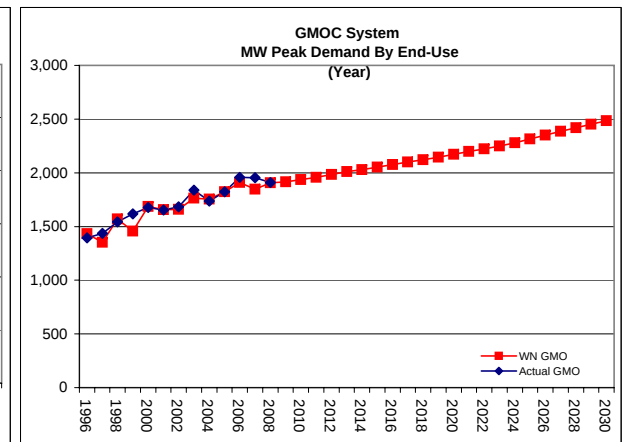
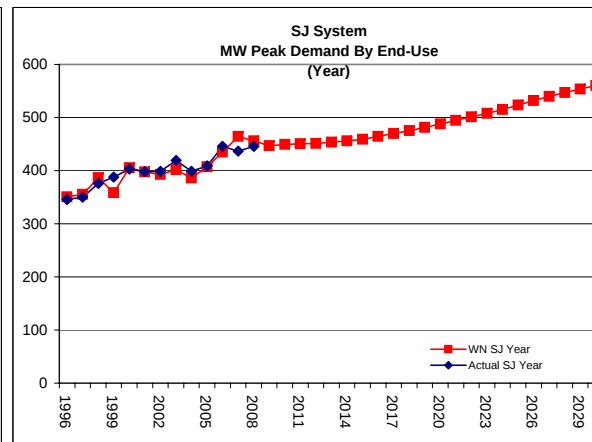
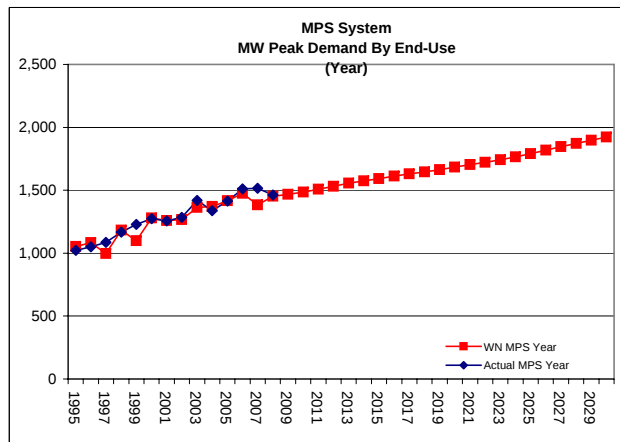
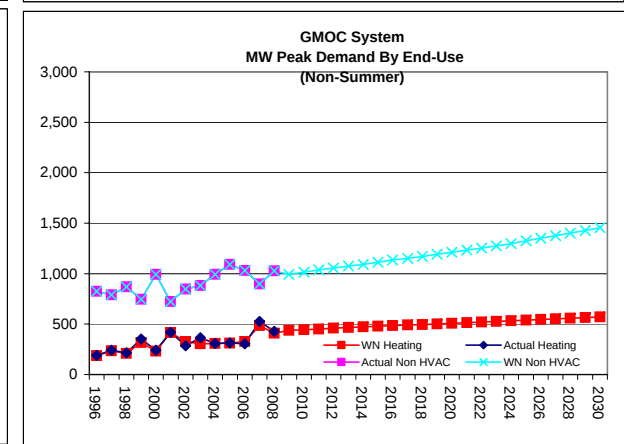
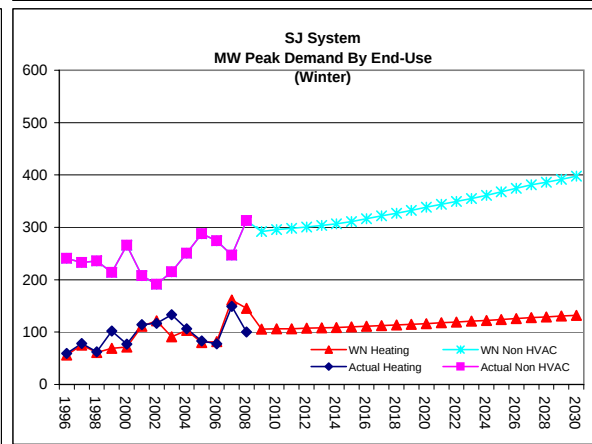
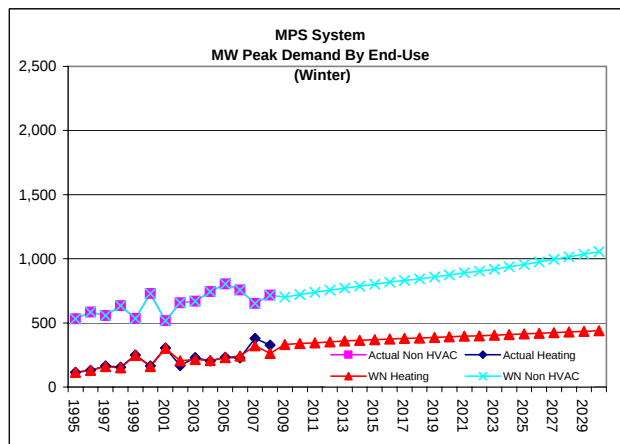
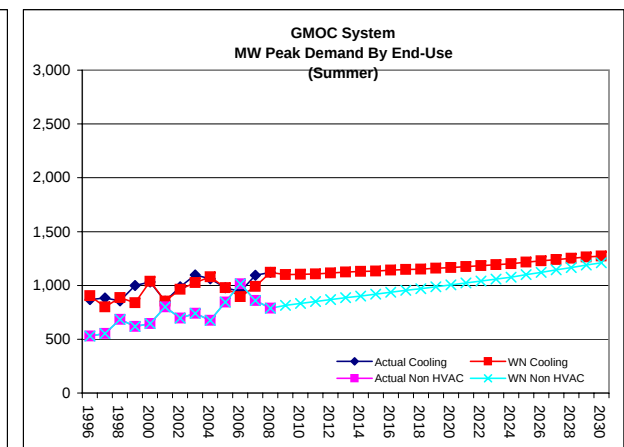
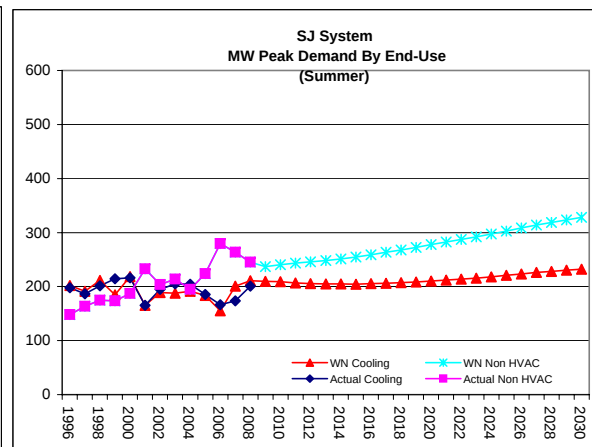
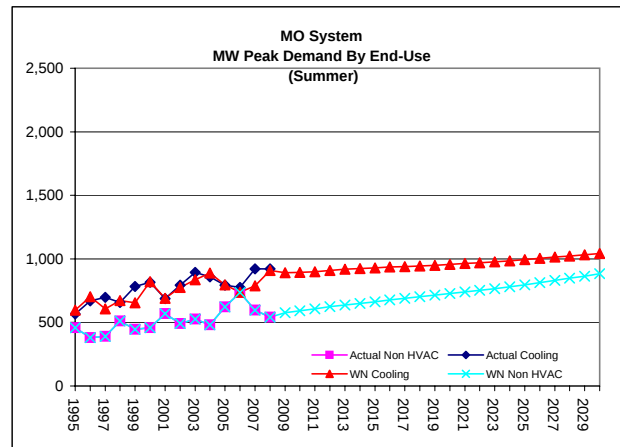
Year	GMO									
	Cooling		Heating		Non-HVAC Summer		Non-HVAC Winter		Year	
	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN
1990										
1991										
1992										
1993										
1994										
1995										
1996	53.7	55.2	-	-	168.8	168.8	247.2	247.2	222.6	224.0
1997	55.4	51.4	-	-	186.9	186.9	238.7	238.7	242.3	238.3
1998	53.7	56.9	-	-	224.2	224.2	261.2	261.2	277.8	281.0
1999	58.2	51.8	-	-	199.6	199.6	215.9	215.9	257.8	251.4
2000	59.3	67.6	-	-	202.9	202.9	299.4	299.4	262.2	270.5
2001	51.3	51.6	-	-	255.1	255.1	234.7	234.7	306.5	306.7
2002	61.3	60.1	-	-	213.5	213.5	246.2	246.2	274.8	273.7
2003	60.9	56.6	-	-	235.8	235.8	257.3	257.3	296.7	292.4
2004	61.4	69.9	-	-	224.6	224.6	264.0	264.0	286.0	294.4
2005	64.4	65.2	-	-	269.6	269.6	313.0	313.0	334.0	334.8
2006	67.0	63.5	-	-	318.7	318.7	309.7	309.7	385.7	382.2
2007	68.0	67.0	-	-	302.0	302.0	263.3	263.3	369.9	368.9
2008	64.9	70.7	-	-	280.6	280.6	362.2	362.2	345.5	351.2
2009		73.9		-		281.9		319.6		355.8
2010		74.9		-		289.7		328.4		364.6
2011		75.7		-		297.7		334.5		373.4
2012		75.9		-		301.7		338.5		377.6
2013		76.3		-		306.1		343.6		382.4
2014		76.6		-		311.9		350.0		388.5
2015		77.3		-		319.1		358.7		396.4
2016		78.3		-		327.9		368.5		406.2
2017		79.0		-		336.2		377.0		415.2
2018		79.7		-		344.0		385.4		423.7
2019		80.5		-		351.9		394.4		432.4
2020		81.4		-		360.0		403.1		441.4
2021		82.3		-		368.1		411.8		450.5
2022		83.2		-		376.0		420.2		459.2
2023		84.1		-		383.8		428.9		467.9
2024		85.2		-		392.7		439.1		477.9
2025		86.5		-		402.4		449.8		488.9
2026		87.7		-		412.5		460.9		500.2
2027		89.1		-		422.5		471.5		511.6
2028		90.2		-		431.9		481.3		522.1
2029		91.4		-		441.1		491.5		532.5
2030		92.4		-		450.8		502.3		543.2
	1.6%	2.1%			4.3%	4.3%	3.2%	3.2%	3.7%	3.8%
		2.9%				1.6%		-4.8%		1.9%
		0.6%				2.0%		1.8%		1.7%
		1.0%				2.4%		2.4%		2.2%
		1.2%				2.3%		2.2%		2.1%
		1.3%				2.3%		2.2%		2.1%
		1.2%				2.2%		1.5%		2.0%



Plot I-18 MPS & SJ MW Peak Demand By End-Use
For classes that have end-use sales

Year	MPS										SJ									
	Cooling		Heating		Non-HVAC Summer		Non-HVAC Winter		Year		Cooling		Heating		Non-HVAC Summer		Non-HVAC Winter		Year	
	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN
1990																				
1991																				
1992																				
1993																				
1994																				
1995	566.4	595.5	115.5	114.7	457.1	457.1	531.6	531.6	1,023.5	1,052.5										
1996	669.4	702.8	130.0	129.8	379.9	379.9	584.6	584.6	1,049.3	1,082.7	197.7	202.2	59.1	56.3	148.3	148.3	240.9	240.9	346.0	350.5
1997	696.8	607.9	164.4	159.7	390.0	390.0	556.2	556.2	1,086.9	997.9	186.4	191.6	78.0	75.4	163.6	163.6	233.0	233.0	350.0	355.2
1998	656.2	672.9	154.3	149.2	510.2	510.2	632.6	632.6	1,166.4	1,183.1	201.2	211.7	62.5	61.3	174.8	174.8	235.8	235.8	376.0	386.5
1999	783.6	654.5	248.4	247.0	445.3	445.3	532.7	532.7	1,228.8	1,099.8	214.3	184.6	102.2	69.3	173.7	173.7	213.8	213.8	388.0	358.3
2000	815.5	820.2	163.5	159.6	459.0	459.0	728.3	728.3	1,274.5	1,279.2	216.0	218.7	77.1	71.7	187.0	187.0	265.5	265.5	403.0	405.6
2001	687.9	689.2	304.8	303.0	568.5	568.5	515.6	515.6	1,256.4	1,257.8	165.5	165.0	114.4	111.3	232.6	232.6	207.8	207.8	398.0	397.5
2002	792.4	775.6	167.8	203.9	491.4	491.4	657.0	657.0	1,283.8	1,267.0	195.0	189.0	116.7	121.6	204.0	204.0	191.3	191.3	399.0	393.0
2003	893.4	836.4	229.9	214.5	526.6	526.6	668.0	668.0	1,419.9	1,363.0	205.2	187.9	133.3	91.0	213.8	213.8	215.1	215.1	419.0	401.7
2004	857.7	889.2	202.6	206.1	480.3	480.3	743.0	743.0	1,338.1	1,369.6	204.2	191.3	106.4	103.0	194.8	194.8	250.6	250.6	399.0	386.2
2005	793.7	795.3	232.4	230.2	620.9	620.9	802.8	802.8	1,414.6	1,416.2	185.3	183.4	82.8	79.9	223.7	223.7	287.8	287.8	409.0	407.1
2006	776.7	738.9	225.9	243.3	735.1	735.1	755.4	755.4	1,511.8	1,474.0	166.3	155.4	77.4	82.2	279.7	279.7	274.5	274.5	446.0	435.1
2007	920.4	787.7	378.3	322.7	596.6	596.6	650.0	650.0	1,517.0	1,384.3	173.7	200.9	148.8	161.3	263.3	263.3	246.9	246.9	437.0	464.2
2008	920.4	908.7	327.6	262.5	542.4	542.4	716.0	716.0	1,462.9	1,451.1	200.7	210.8	100.0	145.2	245.3	245.3	312.8	312.8	446.0	456.1
2009		890.4		331.5		577.8		701.8		1,468.2		209.8		105.5		237.2		292.2		447.0
2010		895.0		338.2		591.0		720.3		1,486.0		208.8		106.2		240.5		295.5		449.3
2011		899.9		343.6		607.9		737.9		1,507.7		207.0		106.3		243.5		297.9		450.5
2012		908.8		351.6		623.5		755.7		1,532.2		205.5		107.3		245.6		300.6		451.1
2013		918.7		358.7		637.4		771.2		1,556.1		205.2		108.3		248.2		303.6		453.4
2014		924.3		363.8		650.1		785.4		1,574.4		204.7		109.0		251.1		306.8		455.8
2015		929.5		369.1		663.1		800.7		1,592.6		204.6		110.1		254.5		311.3		459.1
2016		935.9		374.2		677.1		817.2		1,612.9		205.4		111.3		259.1		316.7		464.4
2017		940.3		378.1		689.7		830.9		1,630.0		206.2		112.4		263.5		321.7		469.8
2018		944.8		382.0		701.7		844.2		1,646.4		207.2		113.5		268.0		327.0		475.2
2019		950.2		386.8		713.8		859.2		1,664.0		208.6		115.0		272.7		332.6		481.3
2020		956.4		391.5		726.8		874.5		1,683.2		210.3		116.4		277.6		338.2		487.8
2021		963.5		396.1		740.0		889.6		1,703.4		212.1		117.9		282.4		343.9		494.5
2022		969.7		400.2		752.6		904.0		1,722.2		213.9		119.2		287.1		349.3		501.0
2023		976.0		404.3		765.3		919.1		1,741.4		215.8		120.7		291.9		355.0		507.7
2024		984.5		409.2		780.2		937.2		1,764.7		218.1		122.4		297.1		361.4		515.2
2025		994.3		414.4		796.5		956.8		1,790.9		220.7		124.2		302.8		368.0		523.5
2026		1,004.3		419.6		813.6		976.7		1,817.9		223.4		126.0		308.4		374.7		531.8
2027		1,014.7		424.4		830.7		996.1		1,845.4		226.0		127.6		314.0		381.0		540.0
2028		1,023.3		428.7		847.4		1,015.4		1,870.7		228.1		129.1		318.9		386.3		547.0
2029		1,032.4		433.3		864.7		1,035.4		1,897.1		230.1		130.6		323.3		391.7		553.4
2030		1,041.1		438.1		882.7		1,056.6		1,923.8		231.9		132.0		328.1		397.5		560.0
96-'08	2.7%	2.2%	8.0%	6.0%	3.0%	3.0%	1.7%	1.7%	2.8%	2.5%	0.1%	0.3%	4.5%	8.2%	4.3%	4.3%	2.2%	2.2%	2.1%	2.2%
08-'10		-0.8%		13.5%		4.4%		0.3%		1.2%		-0.5%		-14.5%		-1.0%		-2.8%		-0.8%
10-'15		0.8%		1.8%		2.3%		2.1%		1.4%		-0.4%		0.7%		1.1%		1.0%		0.4%
15-'20		0.6%		1.2%		1.9%		1.8%		1.1%		0.5%		1.1%		1.7%		1.7%		1.2%
20-'25		0.8%		1.1%		1.8%		1.8%		1.2%		1.0%		1.3%		1.8%		1.7%		1.4%
25-'30		0.9%		1.1%		2.1%		2.0%		1.4%		1.0%		1.2%		1.6%		1.6%		1.4%
08-'30		0.6%		2.4%		2.2%		1.8%		1.3%		0.4%		-0.4%		1.3%		1.1%		0.9%

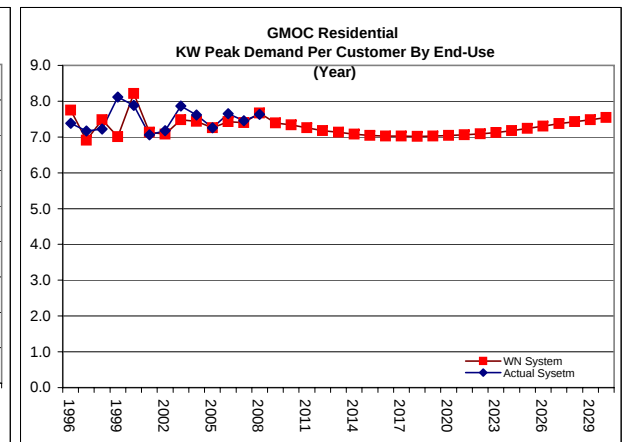
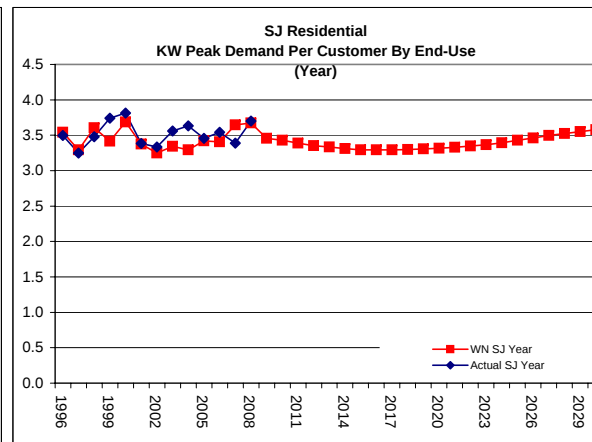
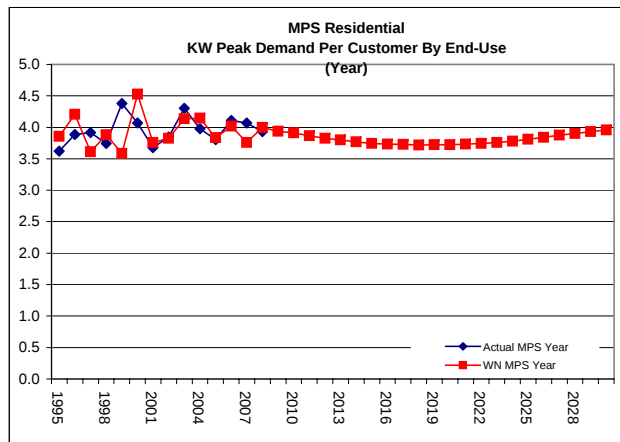
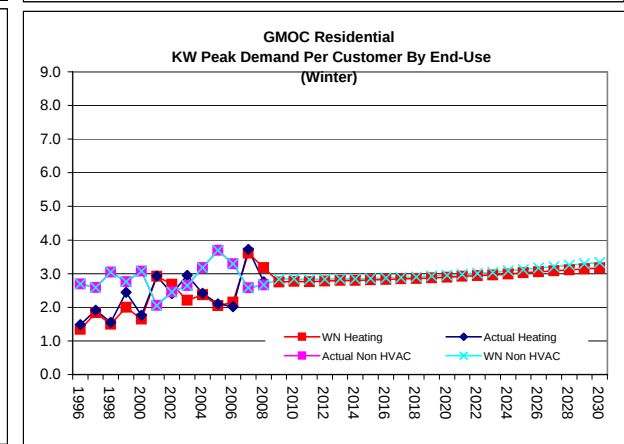
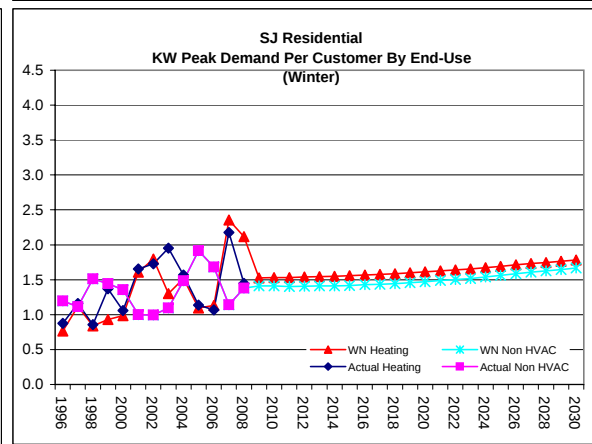
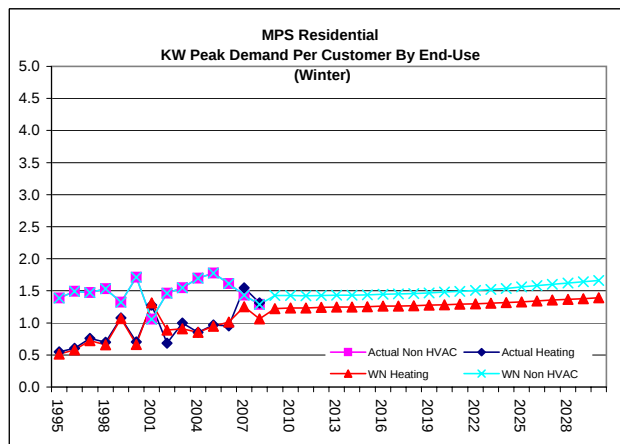
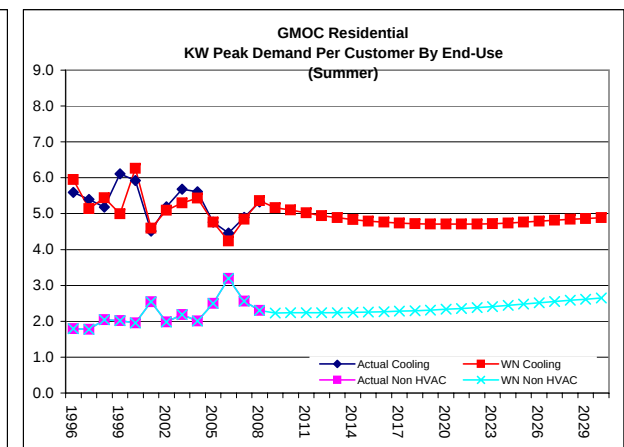
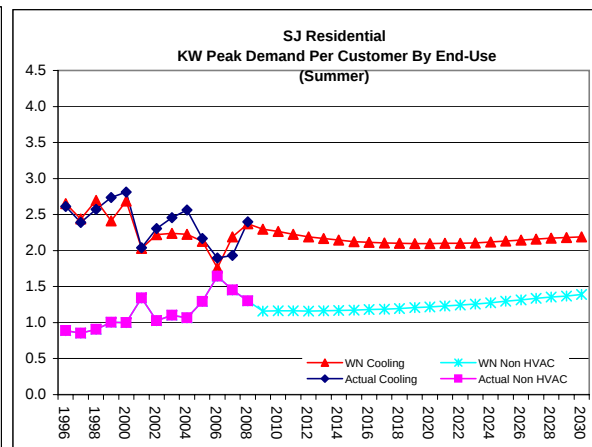
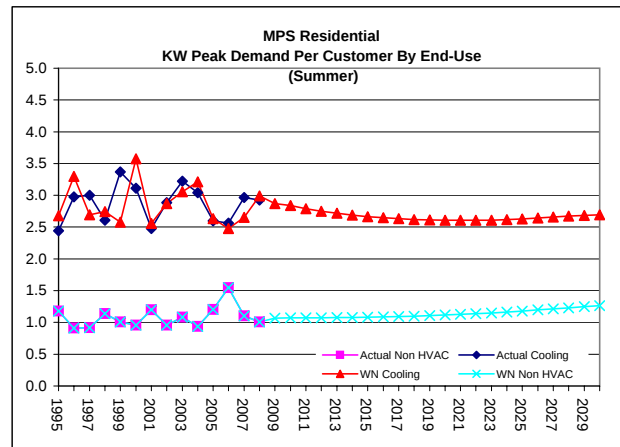
Year	GMOC									
	Cooling		Heating		Non-HVAC Summer		Non-HVAC Winter		Year	
	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN
1990										
1991										
1992										
1993										
1994										
1995	566.4	595.5	115.5	114.7	457.1	457.1	531.6	531.6	1,023.5	1,052.5
1996	867.1	905.0	189.1	186.2	528.2	528.2	825.5	825.5	1,395.3	1,433.3
1997	883.2	799.4	242.4	235.1	553.6	553.6	789.2	789.2	1,436.9	1,353.1
1998	857.4	884.6	216.8	210.5	685.0	685.0	868.3	868.3	1,542.4	1,569.6
1999	997.9	839.1	350.6	316.3	619.0	619.0	746.5	746.5	1,616.9	1,458.1
2000	1,031.6	1,038.9	240.6	231.2	646.0	646.0	993.8	993.8	1,677.5	1,684.9
2001	853.4	854.2	419.1	414.3	801.1	801.1	723.5	723.5	1,654.4	1,655.3
2002	987.4	964.6	284.5	325.4	695.4	695.4	848.3	848.3	1,682.8	1,660.0
2003	1,098.5	1,024.3	363.2	305.6	740.4	740.4	883.1	883.1	1,838.9	1,764.7
2004	1,061.9	1,080.6	309.1	309.1	675.2	675.2	993.6	993.6	1,737.1	1,755.7
2005	979.0	978.7	315.3	310.1	844.6	844.6	1,090.6	1,090.6	1,823.6	1,823.3
2006	943.0	894.3	303.4	325.4	1,014.8	1,014.8	1,029.9	1,029.9	1,957.8	1,909.1
2007	1,094.1	988.6	527.2	484.0	859.9	859.9	896.9	896.9	1,954.0	1,848.5
2008	1,121.1	1,119.5	427.6	407.7	787.8	787.8	1,028.8	1,028.8	1,908.9	1,907.3
2009		1,100.2		437.0		815.0		994.1		1,915.2
2010		1,103.8		444.4		831.4		1,015.8		1,935.3
2011		1,106.8		449.9		851.4		1,035.8		1,958.2
2012		1,114.2		458.9		869.0		1,056.3		1,983.3
2013		1,123.9		467.0		885.7		1,074.9		2,009.5
2014		1,128.9		472.8		901.3		1,092.2		2,030.2
2015		1,134.1		479.1		917.6		1,112.0		2,051.7
2016		1,141.2		485.5		936.1		1,133.9		2,077.4
2017		1,146.5		490.4		953.2		1,152.6		2,099.8
2018		1,152.0		495.6		969.6		1,171.2		2,121.6
2019		1,158.8		501.7		986.4		1,191.8		2,145.2
2020		1,166.6		507.9		1,004.4		1,212.7		2,171.0
2021		1,175.6		514.0		1,022.4		1,233.4		2,197.9
2022		1,183.6		519.4		1,039.7		1,253.3		2,223.3
2023		1,191.8		524.9		1,057.2		1,274.1		2,249.0
2024		1,202.6		531.6		1,077.4		1,298.6		2,279.9
2025		1,215.1		538.6		1,099.3		1,324.8		2,314.3
2026		1,227.7		545.6		1,122.0		1,351.4		2,349.7
2027		1,240.6		552.0		1,144.7		1,377.1		2,385.3
2028		1,251.5		557.8		1,166.2		1,401.7		2,417.7
2029		1,262.5		563.8		1,188.0		1,427.1		2,450.5
2030		1,273.0		570.1		1,210.8		1,454.1		2,483.8
	2.2%	1.8%	7.0%	6.8%	3.4%	3.4%	1.9%	1.9%	2.6%	2.4%
		-0.7%		4.4%		2.7%		-0.6%		0.7%
		0.5%		1.5%		2.0%		1.8%		1.2%
		0.6%		1.2%		1.8%		1.7%		1.1%
		0.8%		1.2%		1.8%		1.8%		1.3%
		0.9%		1.1%		2.0%		1.9%		1.4%
		0.6%		1.5%		2.0%		1.6%		1.2%



Plot I-19 MPS & SJ Residential KW Peak Demand Per Customer By End-Use

Year	MPS										SJ									
	Cooling		Heating		Non-HVAC Summer		Non-HVAC Winter		Year		Cooling		Heating		Non-HVAC Summer		Non-HVAC Winter		Year	
	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN
1990	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1991	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1992	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1993	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1995	2.4	2.7	0.5	0.5	1.2	1.2	1.4	1.4	3.6	3.9	-	-	-	-	-	-	-	-	-	-
1996	3.0	3.3	0.6	0.6	0.9	0.9	1.5	1.5	3.9	4.2	2.6	2.7	0.9	0.8	0.9	0.9	1.2	1.2	3.5	3.5
1997	3.0	2.7	0.8	0.7	0.9	0.9	1.5	1.5	3.9	3.6	2.4	2.4	1.2	1.1	0.9	0.9	1.1	1.1	3.2	3.3
1998	2.6	2.7	0.7	0.7	1.1	1.1	1.5	1.5	3.7	3.9	2.6	2.7	0.9	0.8	0.9	0.9	1.5	1.5	3.5	3.6
1999	3.4	2.6	1.1	1.1	1.0	1.0	1.3	1.3	4.4	3.6	2.7	2.4	1.4	0.9	1.0	1.0	1.4	1.4	3.7	3.4
2000	3.1	3.6	0.7	0.7	1.0	1.0	1.7	1.7	4.1	4.5	2.8	2.7	1.1	1.0	1.0	1.0	1.4	1.4	3.8	3.7
2001	2.5	2.6	1.3	1.3	1.2	1.2	1.1	1.1	3.7	3.8	2.0	2.0	1.7	1.6	1.3	1.3	1.0	1.0	3.4	3.4
2002	2.9	2.9	0.7	0.9	1.0	1.0	1.5	1.5	3.8	3.8	2.3	2.2	1.7	1.8	1.0	1.0	1.0	1.0	3.3	3.2
2003	3.2	3.1	1.0	0.9	1.1	1.1	1.5	1.5	4.3	4.1	2.5	2.2	2.0	1.3	1.1	1.1	1.1	1.1	3.6	3.3
2004	3.0	3.2	0.9	0.9	0.9	0.9	1.7	1.7	4.0	4.1	2.6	2.2	1.6	1.5	1.1	1.1	1.5	1.5	3.6	3.3
2005	2.6	2.6	1.0	0.9	1.2	1.2	1.8	1.8	3.8	3.8	2.2	2.1	1.1	1.1	1.3	1.3	1.9	1.9	3.5	3.4
2006	2.6	2.5	1.0	1.0	1.5	1.5	1.6	1.6	4.1	4.0	1.9	1.8	1.1	1.1	1.6	1.6	1.7	1.7	3.5	3.4
2007	3.0	2.7	1.5	1.3	1.1	1.1	1.4	1.4	4.1	3.8	1.9	2.2	2.2	2.4	1.5	1.5	1.1	1.1	3.4	3.6
2008	2.9	3.0	1.3	1.1	1.0	1.0	1.3	1.3	3.9	4.0	2.4	2.4	1.4	2.1	1.3	1.3	1.4	1.4	3.7	3.7
2009		2.9		1.2		1.1		1.4		3.9		2.3		1.5		1.2		1.4		3.5
2010		2.8		1.2		1.1		1.4		3.9		2.3		1.5		1.2		1.4		3.4
2011		2.8		1.2		1.1		1.4		3.9		2.2		1.5		1.2		1.4		3.4
2012		2.8		1.2		1.1		1.4		3.8		2.2		1.5		1.2		1.4		3.4
2013		2.7		1.2		1.1		1.4		3.8		2.2		1.5		1.2		1.4		3.3
2014		2.7		1.2		1.1		1.4		3.8		2.1		1.5		1.2		1.4		3.3
2015		2.7		1.3		1.1		1.4		3.7		2.1		1.6		1.2		1.4		3.3
2016		2.6		1.3		1.1		1.4		3.7		2.1		1.6		1.2		1.4		3.3
2017		2.6		1.3		1.1		1.5		3.7		2.1		1.6		1.2		1.4		3.3
2018		2.6		1.3		1.1		1.5		3.7		2.1		1.6		1.2		1.4		3.3
2019		2.6		1.3		1.1		1.5		3.7		2.1		1.6		1.2		1.5		3.3
2020		2.6		1.3		1.1		1.5		3.7		2.1		1.6		1.2		1.5		3.3
2021		2.6		1.3		1.1		1.5		3.7		2.1		1.6		1.2		1.5		3.3
2022		2.6		1.3		1.1		1.5		3.7		2.1		1.6		1.2		1.5		3.3
2023		2.6		1.3		1.1		1.5		3.8		2.1		1.7		1.3		1.5		3.4
2024		2.6		1.3		1.2		1.5		3.8		2.1		1.7		1.3		1.5		3.4
2025		2.6		1.3		1.2		1.6		3.8		2.1		1.7		1.3		1.6		3.4
2026		2.6		1.3		1.2		1.6		3.8		2.1		1.7		1.3		1.6		3.5
2027		2.7		1.4		1.2		1.6		3.9		2.2		1.7		1.3		1.6		3.5
2028		2.7		1.4		1.2		1.6		3.9		2.2		1.7		1.4		1.6		3.5
2029		2.7		1.4		1.2		1.6		3.9		2.2		1.8		1.4		1.6		3.6
2030		2.7		1.4		1.3		1.7		4.0		2.2		1.8		1.4		1.7		3.6
96-'08	-0.1%	-0.8%	6.6%	5.2%	0.8%	0.8%	-1.2%	-1.2%	0.1%	-0.4%	-0.7%	-0.9%	4.3%	8.8%	3.2%	3.2%	1.2%	1.2%	0.5%	0.3%
08-'10		-2.6%		7.8%		3.3%		5.4%		-1.1%		-2.3%		-14.9%		-5.3%		1.1%		-3.3%
10-'15		-1.3%		0.3%		0.2%		0.1%		-0.9%		-1.3%		0.3%		0.1%		0.1%		-0.8%
15-'20		-0.4%		0.5%		0.6%		0.6%		-0.1%		-0.2%		0.7%		0.8%		0.8%		0.1%
20-'25		0.2%		0.7%		1.1%		1.1%		0.5%		0.3%		1.0%		1.2%		1.2%		0.7%
25-'30		0.5%		0.9%		1.4%		1.3%		0.8%		0.6%		1.0%		1.4%		1.3%		0.9%
08-'30		-0.5%		1.2%		1.0%		1.2%		0.0%		-0.4%		-0.8%		0.3%		0.9%		-0.1%

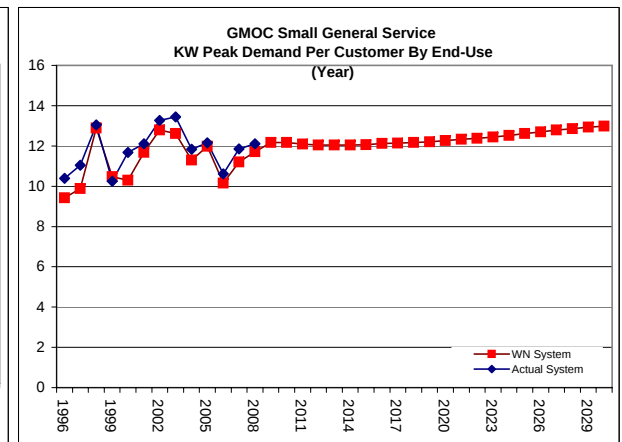
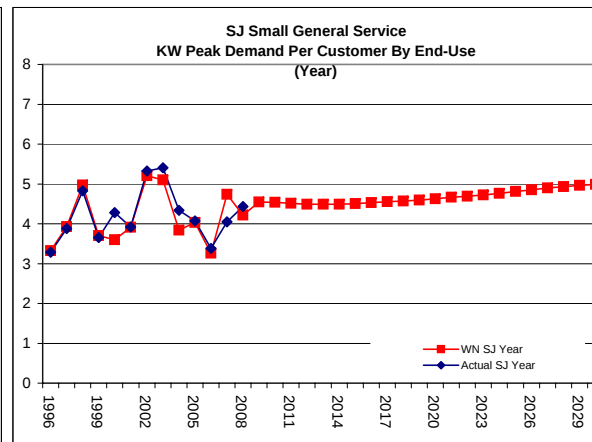
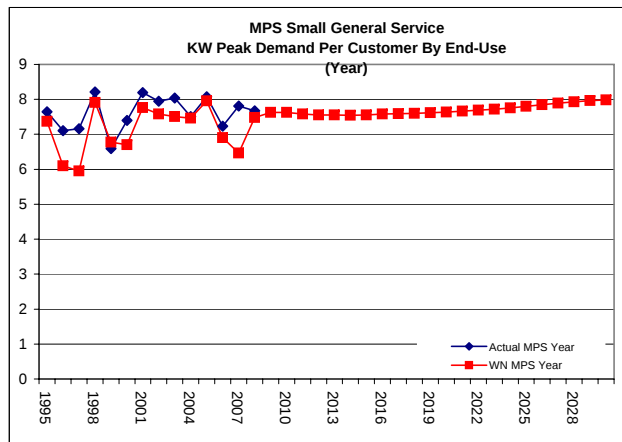
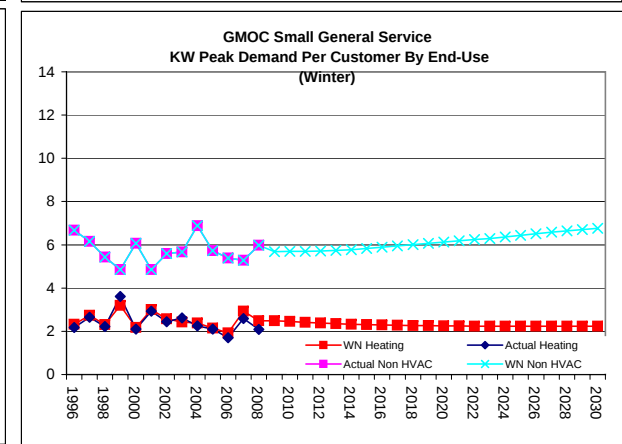
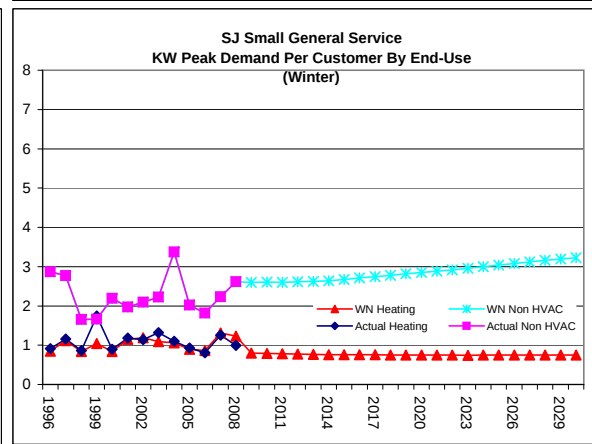
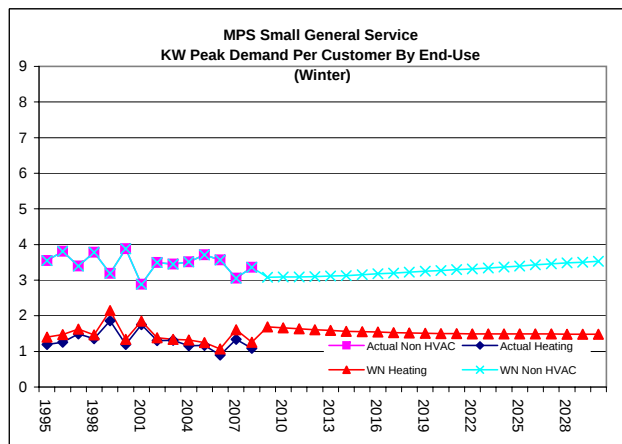
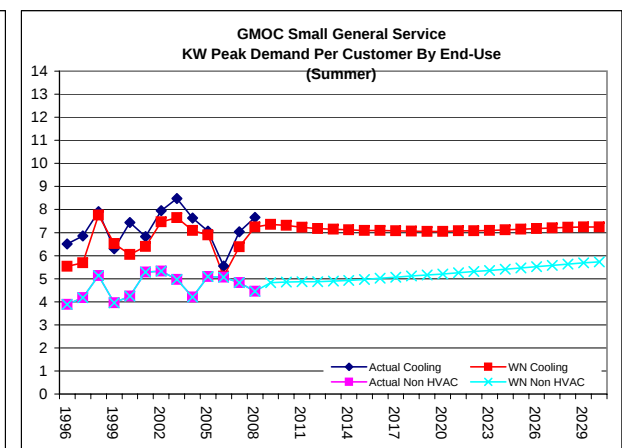
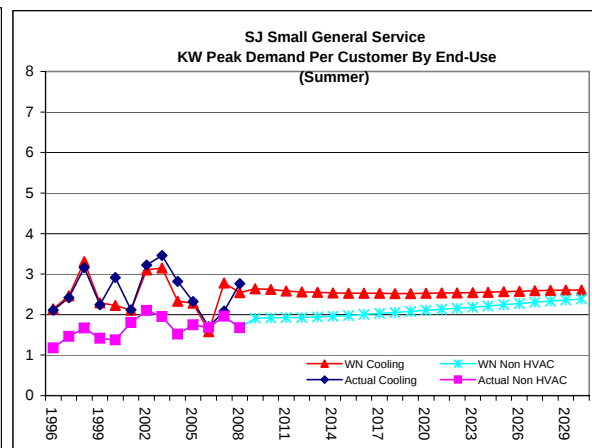
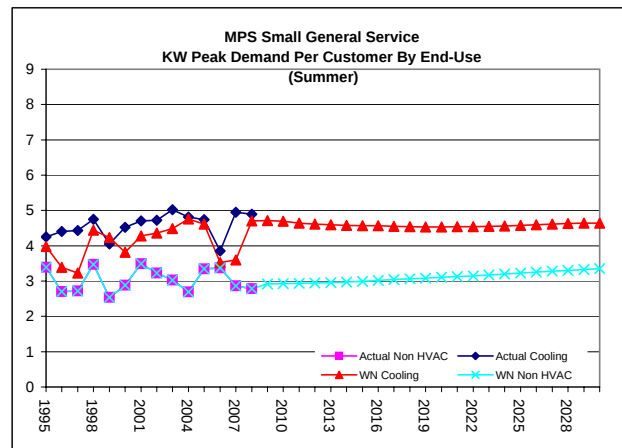
Year	GMOC									
	Cooling		Heating		Non-HVAC Summer		Non-HVAC Winter		Year	
	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN
1990	-	-	-	-	-	-	-	-	-	-
1991	-	-	-	-	-	-	-	-	-	-
1992	-	-	-	-	-	-	-	-	-	-
1993	-	-	-	-	-	-	-	-	-	-
1994	-	-	-	-	-	-	-	-	-	-
1995	-	-	-	-	-	-	-	-	-	-
1996	5.6	6.0	1.5	1.3	1.8	1.8	2.7	2.7	7.4	7.8
1997	5.4	5.1	1.9	1.8	1.8	1.8	2.6	2.6	7.2	6.9
1998	5.2	5.4	1.6	1.5	2.0	2.0	3.0	3.0	7.2	7.5
1999	6.1	5.0	2.4	2.0	2.0	2.0	2.8	2.8	8.1	7.0
2000	5.9	6.3	1.8	1.6	2.0	2.0	3.1	3.1	7.9	8.2
2001	4.5	4.6	2.9	2.9	2.5	2.5	2.1	2.1	7.1	7.1
2002	5.2	5.1	2.4	2.7	2.0	2.0	2.5	2.5	7.2	7.1
2003	5.7	5.3	2.9	2.2	2.2	2.2	2.6	2.6	7.9	7.5
2004	5.6	5.4	2.4	2.4	2.0	2.0	3.2	3.2	7.6	7.4
2005	4.8	4.8	2.1	2.0	2.5	2.5	3.7	3.7	7.3	7.3
2006	4.5	4.2	2.0	2.1	3.2	3.2	3.3	3.3	7.7	7.4
2007	4.9	4.8	3.7	3.6	2.6	2.6	2.6	2.6	7.5	7.4
2008	5.3	5.4	2.8	3.2	2.3	2.3	2.7	2.7	7.6	7.7
2009		5.2		2.7		2.2		2.8		7.4
2010		5.1		2.8		2.2		2.8		7.3
2011		5.0		2.8		2.2		2.8		7.3
2012		4.9		2.8		2.2		2.8		7.2
2013		4.9		2.8		2.2		2.8		7.1
2014		4.8		2.8		2.2		2.8		7.1
2015		4.8		2.8		2.3		2.9		7.0
2016		4.8		2.8		2.3		2.9		7.0
2017		4.7		2.8		2.3		2.9		7.0
2018		4.7		2.9		2.3		2.9		7.0
2019		4.7		2.9		2.3		2.9		7.0
2020		4.7		2.9		2.3		3.0		7.0
2021		4.7		2.9		2.4		3.0		7.1
2022		4.7		2.9		2.4		3.0		7.1
2023		4.7		3.0		2.4		3.0		7.1
2024		4.7		3.0		2.4		3.1		7.2
2025		4.8		3.0		2.5		3.1		7.2
2026		4.8		3.1		2.5		3.2		7.3
2027		4.8		3.1		2.6		3.2		7.4
2028		4.8		3.1		2.6		3.2		7.4
2029		4.9		3.1		2.6		3.3		7.5
2030		4.9		3.2		2.7		3.3		7.5
	-0.4%	-0.9%	5.3%	7.4%	2.1%	2.1%	-0.1%	-0.1%	0.3%	-0.1%
		-2.5%		-6.7%		-1.5%		3.2%		-2.2%
		-1.3%		0.3%		0.1%		0.1%		-0.8%
		-0.3%		0.6%		0.7%		0.7%		0.0%
		0.2%		0.8%		1.2%		1.1%		0.5%
		0.5%		1.0%		1.4%		1.3%		0.8%
		-0.4%		0.0%		0.6%		1.0%		-0.1%



Plot I-20 MPS & SJ Small General Service KW Peak Demand Per Customer By End-Use

Year	MPS										SJ									
	Cooling		Heating		Non-HVAC Summer		Non-HVAC Winter		Year		Cooling		Heating		Non-HVAC Summer		Non-HVAC Winter		Year	
	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN
1990	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1991	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1992	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1993	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1995	4.3	4.0	1.2	1.4	3.4	3.4	3.6	3.6	7.6	7.4	-	-	-	-	-	-	-	-	-	-
1996	4.4	3.4	1.3	1.5	2.7	2.7	3.8	3.8	7.1	6.1	2.1	2.1	0.9	0.8	1.2	1.2	2.9	2.9	3.3	3.3
1997	4.4	3.2	1.5	1.6	2.7	2.7	3.4	3.4	7.2	6.0	2.4	2.5	1.2	1.1	1.5	1.5	2.8	2.8	3.9	3.9
1998	4.7	4.4	1.4	1.5	3.5	3.5	3.8	3.8	8.2	7.9	3.2	3.3	0.9	0.8	1.7	1.7	1.6	1.6	4.8	5.0
1999	4.1	4.2	1.9	2.1	2.5	2.5	3.2	3.2	6.6	6.8	2.2	2.3	1.7	1.0	1.4	1.4	1.7	1.7	3.7	3.7
2000	4.5	3.8	1.2	1.3	2.9	2.9	3.9	3.9	7.4	6.7	2.9	2.2	0.9	0.8	1.4	1.4	2.2	2.2	4.3	3.6
2001	4.7	4.3	1.8	1.9	3.5	3.5	2.9	2.9	8.2	7.8	2.1	2.1	1.2	1.1	1.8	1.8	2.0	2.0	3.9	3.9
2002	4.7	4.4	1.3	1.4	3.2	3.2	3.5	3.5	7.9	7.6	3.2	3.1	1.1	1.2	2.1	2.1	2.1	2.1	5.3	5.2
2003	5.0	4.5	1.3	1.3	3.0	3.0	3.5	3.5	8.0	7.5	3.5	3.2	1.3	1.1	1.9	1.9	2.2	2.2	5.4	5.1
2004	4.8	4.8	1.2	1.3	2.7	2.7	3.5	3.5	7.5	7.5	2.8	2.3	1.1	1.1	1.5	1.5	3.4	3.4	4.3	3.8
2005	4.7	4.6	1.2	1.2	3.3	3.3	3.7	3.7	8.1	8.0	2.3	2.3	0.9	0.9	1.7	1.7	2.0	2.0	4.1	4.0
2006	3.9	3.5	0.9	1.1	3.4	3.4	3.6	3.6	7.2	6.9	1.7	1.6	0.8	0.9	1.7	1.7	1.8	1.8	3.4	3.3
2007	4.9	3.6	1.3	1.6	2.9	2.9	3.1	3.1	7.8	6.5	2.1	2.8	1.3	1.3	2.0	2.0	2.2	2.2	4.0	4.7
2008	4.9	4.7	1.1	1.3	2.8	2.8	3.4	3.4	7.7	7.5	2.8	2.5	1.0	1.2	1.7	1.7	2.6	2.6	4.4	4.2
2009		4.7		1.7		2.9		3.1		7.6		2.6		0.8		1.9		2.6		4.5
2010		4.7		1.7		2.9		3.1		7.6		2.6		0.8		1.9		2.6		4.5
2011		4.6		1.6		2.9		3.1		7.6		2.6		0.8		1.9		2.6		4.5
2012		4.6		1.6		2.9		3.1		7.6		2.6		0.8		1.9		2.6		4.5
2013		4.6		1.6		3.0		3.1		7.6		2.6		0.8		1.9		2.6		4.5
2014		4.6		1.6		3.0		3.1		7.5		2.5		0.8		2.0		2.6		4.5
2015		4.6		1.6		3.0		3.2		7.6		2.5		0.8		2.0		2.7		4.5
2016		4.6		1.5		3.0		3.2		7.6		2.5		0.8		2.0		2.7		4.5
2017		4.6		1.5		3.0		3.2		7.6		2.5		0.8		2.0		2.7		4.6
2018		4.5		1.5		3.1		3.2		7.6		2.5		0.8		2.1		2.8		4.6
2019		4.5		1.5		3.1		3.2		7.6		2.5		0.7		2.1		2.8		4.6
2020		4.5		1.5		3.1		3.3		7.6		2.5		0.7		2.1		2.9		4.6
2021		4.5		1.5		3.1		3.3		7.7		2.5		0.7		2.1		2.9		4.7
2022		4.5		1.5		3.1		3.3		7.7		2.5		0.7		2.2		2.9		4.7
2023		4.5		1.5		3.2		3.3		7.7		2.5		0.7		2.2		3.0		4.7
2024		4.6		1.5		3.2		3.4		7.8		2.6		0.7		2.2		3.0		4.8
2025		4.6		1.5		3.2		3.4		7.8		2.6		0.7		2.2		3.0		4.8
2026		4.6		1.5		3.3		3.4		7.8		2.6		0.7		2.3		3.1		4.9
2027		4.6		1.5		3.3		3.5		7.9		2.6		0.8		2.3		3.1		4.9
2028		4.6		1.5		3.3		3.5		7.9		2.6		0.8		2.3		3.2		4.9
2029		4.6		1.5		3.3		3.5		8.0		2.6		0.8		2.4		3.2		5.0
2030		4.6		1.5		3.3		3.5		8.0		2.6		0.8		2.4		3.2		5.0
96-'08	0.9%	2.8%	-1.2%	-1.3%	0.2%	0.2%	-1.0%	-1.0%	0.6%	1.7%	2.3%	1.4%	0.7%	3.2%	3.0%	3.0%	-0.8%	-0.8%	2.5%	2.0%
08-'10		-0.1%		15.2%		2.6%		-4.1%		0.9%		1.4%		-19.8%		7.1%		-0.2%		3.7%
10-'15		-0.6%		-1.4%		0.4%		0.4%		-0.2%		-0.7%		-0.8%		0.6%		0.5%		-0.2%
15-'20		-0.1%		-0.6%		0.7%		0.7%		0.2%		0.0%		-0.3%		1.3%		1.3%		0.5%
20-'25		0.2%		-0.2%		0.8%		0.8%		0.4%		0.3%		0.0%		1.3%		1.3%		0.8%
25-'30		0.3%		-0.1%		0.8%		0.8%		0.5%		0.3%		0.1%		1.2%		1.2%		0.7%
08-'30		-0.1%		0.8%		0.8%		0.2%		0.3%		0.1%		-2.2%		1.6%		1.0%		0.8%

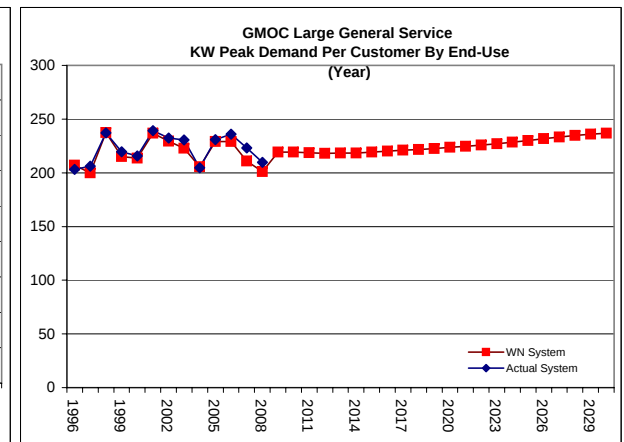
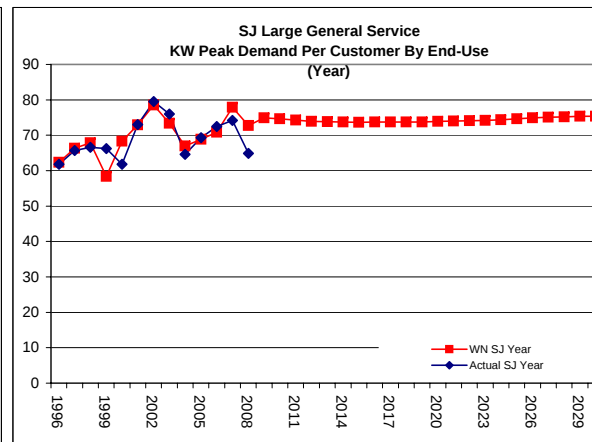
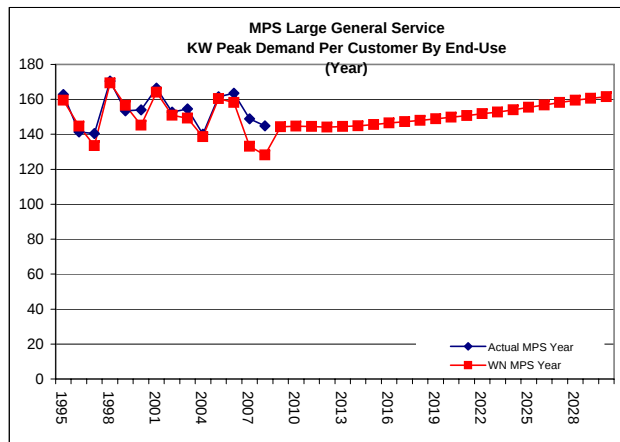
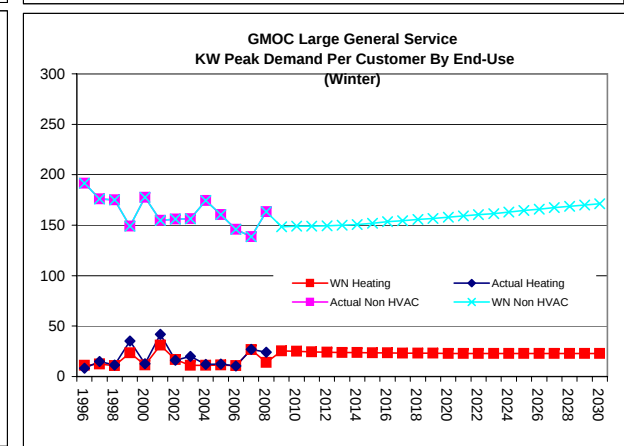
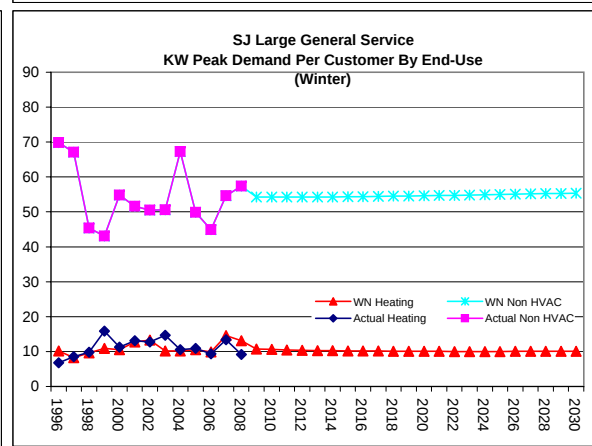
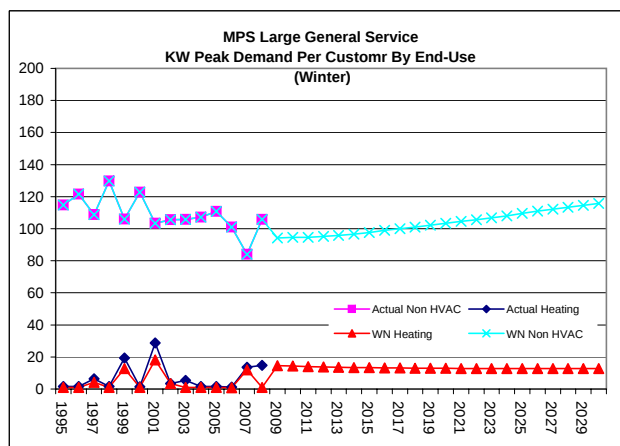
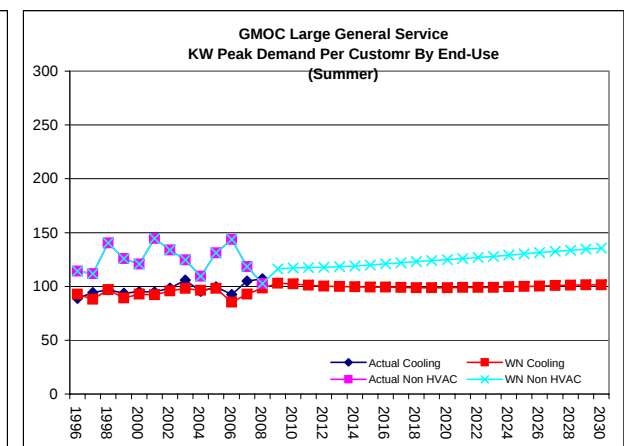
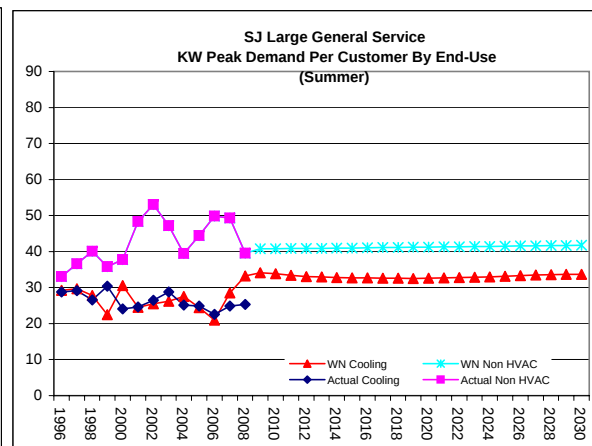
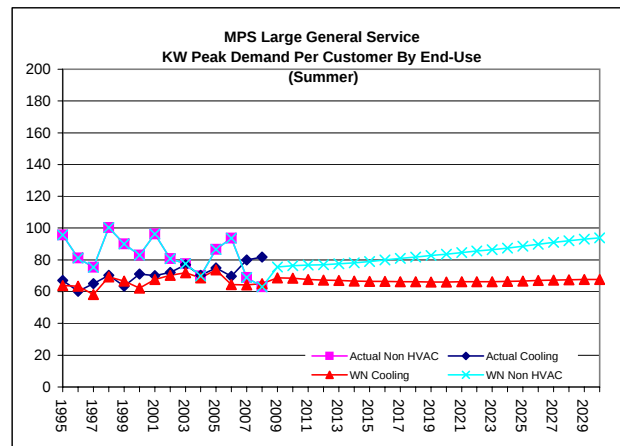
Year	GMOC									
	Cooling		Heating		Non-HVAC Summer		Non-HVAC Winter		Year	
	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN
1990	-	-	-	-	-	-	-	-	-	-
1991	-	-	-	-	-	-	-	-	-	-
1992	-	-	-	-	-	-	-	-	-	-
1993	-	-	-	-	-	-	-	-	-	-
1994	-	-	-	-	-	-	-	-	-	-
1995	-	-	-	-	-	-	-	-	-	-
1996	6.5	5.5	2.2	2.3	3.9	3.9	6.7	6.7	10.4	9.4
1997	6.9	5.7	2.6	2.7	4.2	4.2	6.2	6.2	11.0	9.9
1998	7.9	7.8	2.2	2.3	5.1	5.1	5.4	5.4	13.0	12.9
1999	6.3	6.5	3.6	3.2	3.9	3.9	4.8	4.8	10.2	10.5
2000	7.4	6.0	2.1	2.2	4.3	4.3	6.1	6.1	11.7	10.3
2001	6.8	6.4	2.9	3.0	5.3	5.3	4.9	4.9	12.1	11.7
2002	7.9	7.5	2.4	2.6	5.3	5.3	5.6	5.6	13.3	12.8
2003	8.5	7.6	2.6	2.4	5.0	5.0	5.7	5.7	13.4	12.6
2004	7.6	7.1	2.3	2.4	4.2	4.2	6.9	6.9	11.8	11.3
2005	7.1	6.9	2.1	2.1	5.1	5.1	5.7	5.7	12.1	12.0
2006	5.6	5.1	1.7	1.9	5.1	5.1	5.4	5.4	10.6	10.2
2007	7.0	6.4	2.6	2.9	4.8	4.8	5.3	5.3	11.9	11.2
2008	7.7	7.2	2.1	2.5	4.5	4.5	6.0	6.0	12.1	11.7
2009		7.3		2.5		4.8		5.7		12.2
2010		7.3		2.5		4.9		5.7		12.2
2011		7.2		2.4		4.9		5.7		12.1
2012		7.2		2.4		4.9		5.7		12.0
2013		7.2		2.4		4.9		5.7		12.0
2014		7.1		2.3		4.9		5.8		12.0
2015		7.1		2.3		5.0		5.8		12.1
2016		7.1		2.3		5.0		5.9		12.1
2017		7.1		2.3		5.1		5.9		12.1
2018		7.1		2.3		5.1		6.0		12.2
2019		7.0		2.3		5.2		6.1		12.2
2020		7.1		2.3		5.2		6.1		12.3
2021		7.1		2.2		5.3		6.2		12.3
2022		7.1		2.2		5.3		6.2		12.4
2023		7.1		2.2		5.4		6.3		12.4
2024		7.1		2.2		5.4		6.4		12.5
2025		7.1		2.2		5.5		6.4		12.6
2026		7.2		2.2		5.5		6.5		12.7
2027		7.2		2.2		5.6		6.6		12.8
2028		7.2		2.2		5.6		6.6		12.9
2029		7.2		2.2		5.7		6.7		12.9
2030		7.2		2.2		5.7		6.8		13.0
	1.4%	2.3%	-0.4%	0.6%	1.2%	1.2%	-0.9%	-0.9%	1.3%	1.8%
		0.4%		-0.6%		4.3%		-2.4%		1.9%
		-0.6%		-1.2%		0.5%		0.5%		-0.2%
		-0.1%		-0.5%		1.0%		1.0%		0.3%
		0.3%		-0.2%		1.0%		1.0%		0.6%
		0.3%		0.0%		1.0%		1.0%		0.6%
		0.0%		-0.5%		1.2%		0.6%		0.5%



Plot I-21 MPS & SJ Large General Service KW Peak Demand Per Customer By End-Use

Year	MPS										SJ									
	Cooling		Heating		Non-HVAC Summer		Non-HVAC Winter		Year		Cooling		Heating		Non-HVAC Summer		Non-HVAC Winter		Year	
	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN
1990	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1991	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1992	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1993	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1995	67.0	63.8	1.5	1.0	95.7	95.7	114.8	114.8	162.8	159.6	-	-	-	-	-	-	-	-	-	-
1996	60.2	63.5	1.5	1.1	81.2	81.2	121.6	121.6	141.4	144.7	28.8	29.3	6.8	10.1	33.0	33.0	69.9	69.9	61.8	62.3
1997	65.1	58.2	6.5	4.1	75.3	75.3	108.8	108.8	140.4	133.5	29.1	29.7	8.5	8.2	36.6	36.6	67.1	67.1	65.7	66.3
1998	70.3	69.2	1.6	1.1	100.2	100.2	129.8	129.8	170.5	169.4	26.5	27.8	9.8	9.6	40.1	40.1	45.3	45.3	66.6	67.9
1999	63.4	66.6	19.5	12.7	90.0	90.0	106.0	106.0	153.4	156.6	30.4	22.5	15.8	10.9	35.8	35.8	43.1	43.1	66.3	58.3
2000	71.1	62.2	1.4	0.9	83.0	83.0	122.8	122.8	154.0	145.2	24.1	30.6	11.3	10.5	37.7	37.7	54.8	54.8	61.8	68.3
2001	70.1	67.7	28.7	18.2	96.3	96.3	103.3	103.3	166.4	164.1	24.6	24.6	13.1	12.8	48.3	48.3	51.6	51.6	73.0	72.9
2002	72.1	70.2	3.5	3.4	80.7	80.7	105.5	105.5	152.8	150.9	26.5	25.5	12.8	13.3	53.0	53.0	50.5	50.5	79.5	78.6
2003	77.0	71.8	5.4	1.0	77.5	77.5	105.8	105.8	154.5	149.3	28.8	26.2	14.7	10.2	47.2	47.2	50.6	50.6	76.0	73.4
2004	70.3	68.7	1.5	1.0	69.9	69.9	107.3	107.3	140.1	138.5	25.2	27.5	10.5	10.2	39.4	39.4	67.2	67.2	64.6	67.0
2005	74.9	73.6	1.5	1.0	86.7	86.7	110.7	110.7	161.6	160.3	24.8	24.4	10.9	10.5	44.4	44.4	49.9	49.9	69.3	68.9
2006	69.8	64.5	1.2	0.9	93.7	93.7	100.9	100.9	163.5	158.2	22.6	21.0	9.4	9.9	49.8	49.8	44.9	44.9	72.4	70.8
2007	79.9	64.3	13.6	11.9	68.9	68.9	84.0	84.0	148.8	133.2	24.9	28.5	13.4	14.6	49.3	49.3	54.6	54.6	74.2	77.9
2008	81.7	65.1	14.9	0.9	63.1	63.1	105.8	105.8	144.8	128.2	25.3	33.2	9.2	13.1	39.5	39.5	57.4	57.4	64.8	72.7
2009		68.7		14.5		75.6		94.2		144.3		34.1		10.7		40.8		54.3		74.9
2010		68.4		14.3		76.3		94.6		144.7		33.8		10.6		40.8		54.3		74.6
2011		67.7		14.0		76.7		94.7		144.4		33.4		10.4		40.9		54.2		74.3
2012		67.3		13.8		76.9		95.1		144.2		33.1		10.4		40.9		54.2		74.0
2013		67.1		13.6		77.5		95.8		144.5		33.0		10.3		40.9		54.2		73.9
2014		66.7		13.4		78.1		96.5		144.8		32.8		10.2		40.9		54.2		73.7
2015		66.6		13.3		78.9		97.7		145.5		32.7		10.2		41.0		54.3		73.7
2016		66.5		13.2		80.0		99.0		146.5		32.7		10.2		41.0		54.4		73.7
2017		66.3		13.1		80.9		100.0		147.3		32.6		10.1		41.1		54.4		73.7
2018		66.2		13.0		81.8		101.1		148.0		32.6		10.1		41.2		54.5		73.7
2019		66.1		12.9		82.7		102.2		148.8		32.5		10.1		41.2		54.6		73.7
2020		66.1		12.9		83.7		103.4		149.8		32.6		10.1		41.3		54.6		73.9
2021		66.2		12.9		84.6		104.5		150.8		32.7		10.0		41.3		54.7		74.0
2022		66.2		12.8		85.6		105.6		151.8		32.8		10.0		41.4		54.7		74.1
2023		66.3		12.8		86.4		106.7		152.7		32.8		10.0		41.4		54.8		74.2
2024		66.5		12.8		87.5		108.1		154.0		33.0		10.0		41.4		54.9		74.4
2025		66.8		12.8		88.6		109.5		155.4		33.1		10.0		41.5		55.0		74.6
2026		67.0		12.8		89.8		110.9		156.8		33.3		10.1		41.6		55.1		74.9
2027		67.3		12.8		91.0		112.3		158.3		33.5		10.1		41.6		55.1		75.1
2028		67.5		12.7		92.0		113.4		159.5		33.6		10.1		41.6		55.3		75.2
2029		67.6		12.7		93.0		114.6		160.6		33.7		10.1		41.7		55.3		75.4
2030		67.6		12.7		93.9		115.8		161.6		33.7		10.1		41.7		55.4		75.4
96-'08	2.6%	0.2%	20.8%	-1.3%	-2.1%	-2.1%	-1.1%	-1.1%	0.2%	-1.0%	-1.1%	1.1%	2.5%	2.2%	1.5%	1.5%	-1.6%	-1.6%	0.4%	1.3%
08-'10		2.5%		294.6%		9.9%		-5.4%		6.2%		0.9%		-10.0%		1.6%		-2.8%		1.3%
10-'15		-0.5%		-1.4%		0.7%		0.6%		0.1%		-0.7%		-0.8%		0.1%		0.0%		-0.3%
15-'20		-0.1%		-0.6%		1.2%		1.1%		0.6%		0.0%		-0.3%		0.1%		0.1%		0.1%
20-'25		0.2%		-0.2%		1.2%		1.2%		0.7%		0.3%		0.0%		0.1%		0.1%		0.2%
25-'30		0.2%		-0.1%		1.2%		1.1%		0.8%		0.3%		0.1%		0.1%		0.1%		0.2%
08-'30		0.2%		12.7%		1.8%		0.4%		1.1%		0.1%		-1.2%		0.2%		-0.2%		0.2%

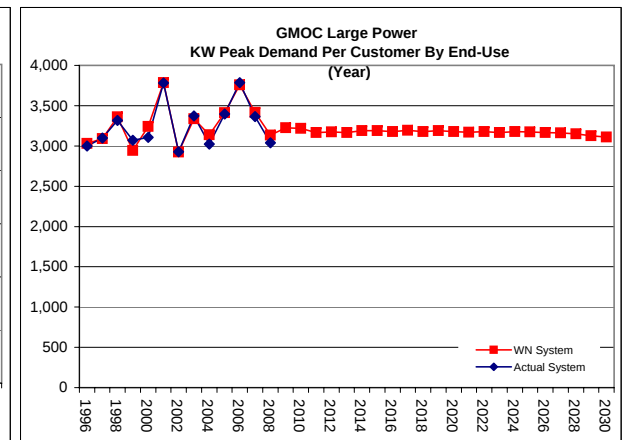
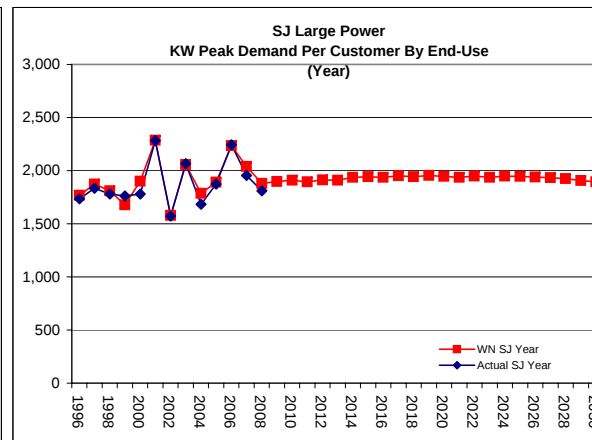
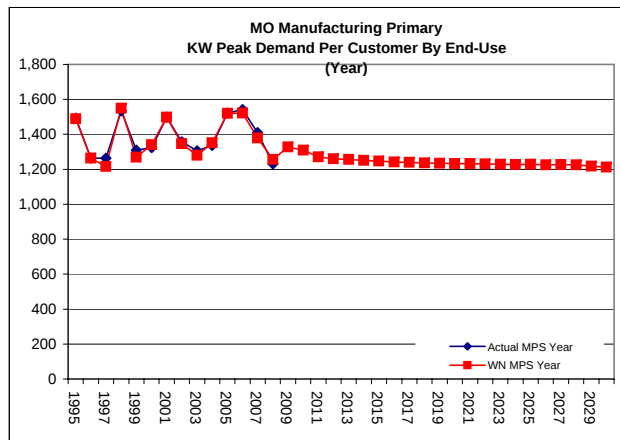
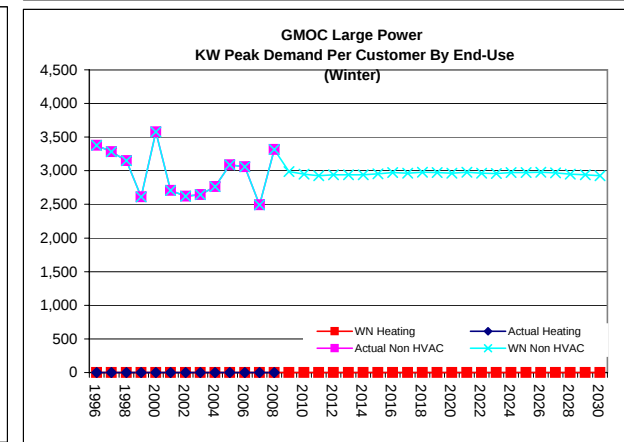
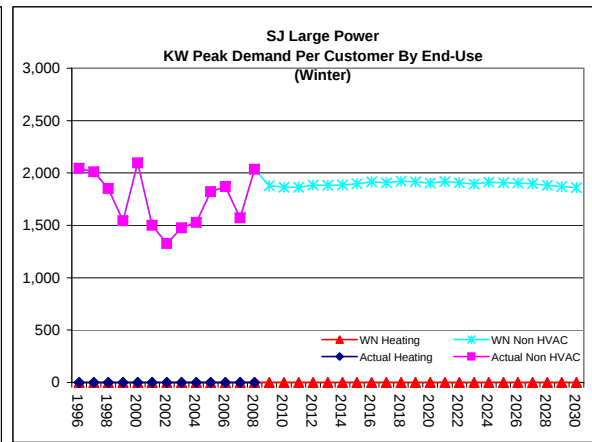
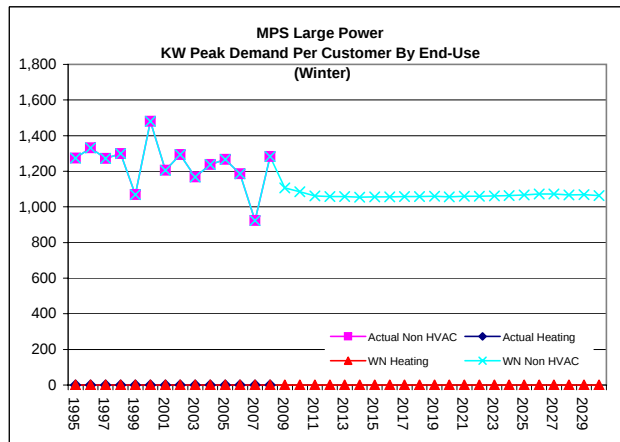
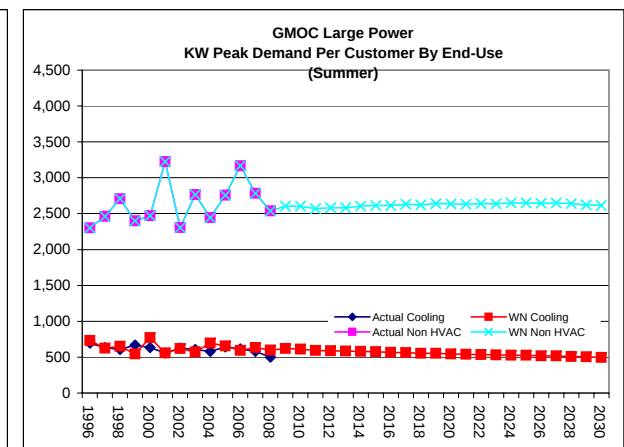
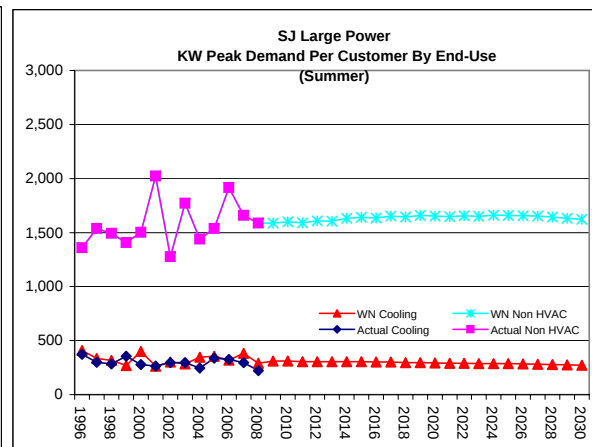
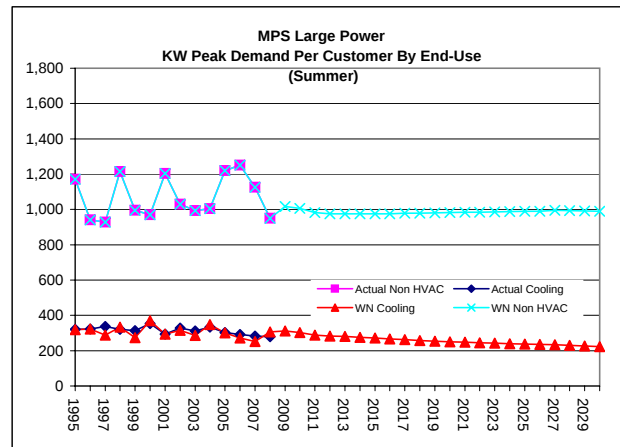
Year	GMOC									
	Cooling		Heating		Non-HVAC Summer		Non-HVAC Winter		Year	
	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN
1990	-	-	-	-	-	-	-	-	-	-
1991	-	-	-	-	-	-	-	-	-	-
1992	-	-	-	-	-	-	-	-	-	-
1993	-	-	-	-	-	-	-	-	-	-
1994	-	-	-	-	-	-	-	-	-	-
1995	-	-	-	-	-	-	-	-	-	-
1996	89.0	92.8	8.3	11.2	114.2	114.2	191.4	191.4	203.2	207.0
1997	94.2	87.9	15.0	12.4	111.9	111.9	175.9	175.9	206.1	199.8
1998	96.8	97.0	11.5	10.7	140.3	140.3	175.1	175.1	237.1	237.3
1999	93.8	89.1	35.3	23.5	125.9	125.9	149.1	149.1	219.6	215.0
2000	95.1	92.8	12.7	11.4	120.7	120.7	177.6	177.6	215.8	213.5
2001	94.7	92.3	41.8	31.0	144.6	144.6	154.9	154.9	239.4	236.9
2002	98.5	95.7	16.2	16.7	133.8	133.8	156.0	156.0	232.3	229.5
2003	105.7	98.0	20.1	11.2	124.7	124.7	156.4	156.4	230.4	222.7
2004	95.4	96.2	12.0	11.2	109.3	109.3	174.5	174.5	204.7	205.5
2005	99.7	98.0	12.4	11.5	131.2	131.2	160.6	160.6	230.8	229.2
2006	92.4	85.5	10.6	10.8	143.6	143.6	145.8	145.8	236.0	229.1
2007	104.8	92.8	27.0	26.5	118.2	118.2	138.6	138.6	223.0	211.0
2008	107.0	98.3	24.0	14.1	102.6	102.6	163.2	163.2	209.6	201.0
2009		102.8		25.2		116.4		148.5		219.2
2010		102.2		24.9		117.1		148.9		219.3
2011		101.1		24.4		117.5		148.9		218.7
2012		100.3		24.2		117.8		149.4		218.1
2013		100.0		23.9		118.4		150.0		218.4
2014		99.5		23.7		119.0		150.7		218.5
2015		99.2		23.5		119.9		152.0		219.1
2016		99.2		23.4		121.0		153.4		220.3
2017		99.0		23.2		122.0		154.5		221.0
2018		98.7		23.1		123.0		155.6		221.7
2019		98.6		23.0		123.9		156.8		222.5
2020		98.7		23.0		124.9		158.0		223.6
2021		98.9		22.9		125.9		159.2		224.8
2022		99.0		22.8		126.9		160.3		225.9
2023		99.1		22.8		127.8		161.5		226.9
2024		99.5		22.8		128.9		163.0		228.4
2025		99.9		22.8		130.1		164.5		230.0
2026		100.3		22.8		131.4		166.0		231.7
2027		100.8		22.8		132.6		167.4		233.4
2028		101.0		22.8		133.6		168.7		234.7
2029		101.3		22.8		134.7		169.9		236.0
2030		101.3		22.8		135.7		171.1		236.9
	1.5%	0.5%	9.2%	1.9%	-0.9%	-0.9%	-1.3%	-1.3%	0.3%	-0.2%
		2.0%		33.1%		6.8%		-4.5%		4.5%
		-0.6%		-1.1%		0.5%		0.4%		0.0%
		-0.1%		-0.5%		0.8%		0.8%		0.4%
		0.2%		-0.1%		0.8%		0.8%		0.6%
		0.3%		0.0%		0.8%		0.8%		0.6%
		0.1%		2.2%		1.3%		0.2%		0.8%



Plot I-22 MPS & SJ Large Power KW Peak Demand Per Customer By End-Use

Year	MPS										SJ									
	Cooling		Heating		Non-HVAC Summer		Non-HVAC Winter		Year		Cooling		Heating		Non-HVAC Summer		Non-HVAC Winter		Year	
	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN
1990	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1991	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1992	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1993	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1995	321.3	318.7	-	-	1,170.4	1,170.4	1,273.5	1,273.5	1,491.6	1,489.0	-	-	-	-	-	-	-	-	-	-
1996	323.2	322.3	-	-	940.4	940.4	1,331.9	1,331.9	1,263.6	1,262.6	374.3	408.3	-	-	1,360.5	1,360.5	2,044.7	2,044.7	1,734.8	1,768.8
1997	336.9	289.0	-	-	927.4	927.4	1,272.0	1,272.0	1,264.3	1,216.5	297.8	335.9	-	-	1,536.6	1,536.6	2,009.0	2,009.0	1,834.4	1,872.5
1998	320.2	333.4	-	-	1,215.1	1,215.1	1,298.1	1,298.1	1,535.2	1,548.4	285.7	317.0	-	-	1,494.0	1,494.0	1,852.1	1,852.1	1,779.7	1,811.0
1999	312.8	273.2	-	-	996.0	996.0	1,068.5	1,068.5	1,308.8	1,269.2	356.0	270.8	-	-	1,405.4	1,405.4	1,542.4	1,542.4	1,761.5	1,676.2
2000	353.9	369.8	-	-	970.7	970.7	1,479.4	1,479.4	1,324.6	1,340.5	279.4	401.2	-	-	1,500.9	1,500.9	2,096.8	2,096.8	1,780.3	1,902.1
2001	292.9	294.1	-	-	1,204.1	1,204.1	1,205.5	1,205.5	1,497.0	1,498.2	262.9	264.7	-	-	2,021.4	2,021.4	1,500.9	1,500.9	2,284.3	2,286.1
2002	327.7	315.3	-	-	1,029.8	1,029.8	1,293.0	1,293.0	1,357.5	1,345.1	295.4	303.5	-	-	1,276.0	1,276.0	1,327.3	1,327.3	1,571.4	1,579.4
2003	312.1	286.1	-	-	994.2	994.2	1,168.1	1,168.1	1,306.3	1,280.2	295.0	285.2	-	-	1,772.4	1,772.4	1,475.0	1,475.0	2,067.5	2,057.7
2004	333.9	348.2	-	-	1,003.6	1,003.6	1,238.4	1,238.4	1,337.5	1,351.8	245.3	346.1	-	-	1,439.5	1,439.5	1,526.7	1,526.7	1,684.8	1,785.6
2005	302.9	301.6	-	-	1,219.2	1,219.2	1,265.7	1,265.7	1,522.0	1,520.7	337.9	355.4	-	-	1,536.7	1,536.7	1,821.0	1,821.0	1,874.6	1,892.1
2006	291.1	271.7	-	-	1,249.9	1,249.9	1,185.6	1,185.6	1,541.0	1,521.6	325.8	319.5	-	-	1,916.7	1,916.7	1,870.8	1,870.8	2,242.5	2,236.2
2007	283.0	252.6	-	-	1,126.1	1,126.1	923.0	923.0	1,409.1	1,378.7	296.5	381.7	-	-	1,657.5	1,657.5	1,570.5	1,570.5	1,954.0	2,039.2
2008	279.7	306.7	-	-	950.0	950.0	1,282.3	1,282.3	1,229.7	1,256.6	221.7	290.5	-	-	1,587.6	1,587.6	2,035.0	2,035.0	1,809.3	1,878.1
2009		310.9	-	-		1,016.9		1,106.0		1,327.8		309.6	-	-		1,586.9		1,879.7		1,896.5
2010		302.3	-	-		1,006.6		1,085.7		1,308.9		309.7	-	-		1,599.7		1,862.7		1,909.5
2011		289.0	-	-		981.9		1,060.9		1,270.9		304.6	-	-		1,589.1		1,864.7		1,893.7
2012		283.5	-	-		975.5		1,057.7		1,259.1		305.8	-	-		1,607.3		1,884.1		1,913.1
2013		280.1	-	-		975.3		1,058.7		1,255.3		303.9	-	-		1,606.4		1,882.5		1,910.3
2014		275.5	-	-		975.3		1,054.4		1,250.8		305.6	-	-		1,631.4		1,883.8		1,937.0
2015		271.0	-	-		975.9		1,056.5		1,246.9		304.5	-	-		1,639.8		1,897.5		1,944.3
2016		266.1	-	-		975.8		1,056.9		1,241.9		301.1	-	-		1,635.7		1,916.8		1,936.8
2017		262.0	-	-		978.2		1,057.9		1,240.1		301.0	-	-		1,651.6		1,907.1		1,952.7
2018		257.8	-	-		978.7		1,057.6		1,236.5		297.1	-	-		1,644.7		1,922.0		1,941.8
2019		254.1	-	-		980.0		1,060.0		1,234.0		297.2	-	-		1,659.0		1,914.0		1,956.2
2020		250.9	-	-		981.6		1,057.0		1,232.6		294.0	-	-		1,652.8		1,904.6		1,946.8
2021		248.2	-	-		983.8		1,059.1		1,232.0		291.0	-	-		1,646.0		1,917.1		1,937.0
2022		245.4	-	-		985.2		1,060.0		1,230.6		291.0	-	-		1,656.9		1,905.4		1,947.9
2023		242.8	-	-		986.6		1,062.3		1,229.4		287.8	-	-		1,648.2		1,895.2		1,936.0
2024		240.0	-	-		987.4		1,064.1		1,227.4		288.4	-	-		1,661.3		1,911.0		1,949.7
2025		237.9	-	-		990.2		1,067.9		1,228.1		286.4	-	-		1,658.3		1,906.5		1,944.7
2026		234.9	-	-		990.3		1,072.1		1,225.2		284.3	-	-		1,656.3		1,903.4		1,940.6
2027		233.3	-	-		994.3		1,071.8		1,227.6		282.4	-	-		1,652.8		1,897.1		1,935.2
2028		230.5	-	-		994.0		1,067.6		1,224.5		279.2	-	-		1,644.4		1,882.7		1,923.6
2029		227.3	-	-		991.2		1,068.4		1,218.5		275.5	-	-		1,632.4		1,869.9		1,907.9
2030		223.8	-	-		989.0		1,062.9		1,212.9		271.9	-	-		1,623.7		1,860.4		1,895.5
96-'08	-1.2%	-0.4%			0.1%	0.1%	-0.3%	-0.3%	-0.2%	0.0%	-4.3%	-2.8%			1.3%	1.3%	0.0%	0.0%	0.4%	0.5%
08-'10		-0.7%				2.9%		-8.0%		2.1%		3.3%				0.4%		-4.3%		0.8%
10-'15		-2.2%				-0.6%		-0.5%		-1.0%		-0.3%				0.5%		0.4%		0.4%
15-'20		-1.5%				0.1%		0.0%		-0.2%		-0.7%				0.2%		0.1%		0.0%
20-'25		-1.1%				0.2%		0.2%		-0.1%		-0.5%				0.1%		0.0%		0.0%
25-'30		-1.2%				0.0%		-0.1%		-0.2%		-1.0%				-0.4%		-0.5%		-0.5%
08-'30		-1.4%				0.2%		-0.8%		-0.2%		-0.3%				0.1%		-0.4%		0.0%

Year	GMOC									
	Cooling		Heating		Non-HVAC Summer		Non-HVAC Winter		Year	
	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN
1990	-	-	-	-	-	-	-	-	-	-
1991	-	-	-	-	-	-	-	-	-	-
1992	-	-	-	-	-	-	-	-	-	-
1993	-	-	-	-	-	-	-	-	-	-
1994	-	-	-	-	-	-	-	-	-	-
1995	-	-	-	-	-	-	-	-	-	-
1996	697.5	730.5	-	-	2,300.9	2,300.9	3,376.6	3,376.6	2,998.5	3,031.5
1997	634.7	624.9	-	-	2,464.0	2,464.0	3,281.0	3,281.0	3,098.7	3,088.9
1998	605.9	650.4	-	-	2,709.1	2,709.1	3,150.2	3,150.2	3,314.9	3,359.5
1999	668.8	544.0	-	-	2,401.4	2,401.4	2,610.9	2,610.9	3,070.2	2,945.4
2000	633.3	771.1	-	-	2,471.5	2,471.5	3,576.1	3,576.1	3,104.9	3,242.6
2001	555.8	558.8	-	-	3,225.5	3,225.5	2,706.3	2,706.3	3,781.3	3,784.3
2002	623.1	618.8	-	-	2,305.7	2,305.7	2,620.2	2,620.2	2,928.9	2,924.5
2003	607.1	571.3	-	-	2,766.6	2,766.6	2,643.1	2,643.1	3,373.8	3,337.9
2004	579.2	694.3	-	-	2,443.1	2,443.1	2,765.1	2,765.1	3,022.3	3,137.5
2005	640.8	657.0	-	-	2,755.8	2,755.8	3,086.7	3,086.7	3,396.6	3,412.8
2006	616.9	591.2	-	-	3,166.7	3,166.7	3,056.4	3,056.4	3,783.6	3,757.8
2007	579.5	634.3	-	-	2,783.6	2,783.6	2,493.5	2,493.5	3,363.1	3,417.9
2008	501.4	597.1	-	-	2,537.6	2,537.6	3,317.2	3,317.2	3,039.0	3,134.7
2009		620.5		-		2,603.8		2,985.7		3,224.3
2010		612.0		-		2,606.3		2,948.4		3,218.3
2011		593.7		-		2,571.0		2,925.6		3,164.6
2012		589.3		-		2,582.8		2,941.8		3,172.1
2013		583.9		-		2,581.7		2,941.2		3,165.6
2014		581.1		-		2,606.7		2,938.2		3,187.8
2015		575.5		-		2,615.6		2,954.0		3,191.2
2016		567.2		-		2,611.5		2,973.7		3,178.7
2017		563.0		-		2,629.8		2,964.9		3,192.8
2018		555.0		-		2,623.4		2,979.6		3,178.3
2019		551.2		-		2,639.0		2,974.0		3,190.2
2020		545.0		-		2,634.4		2,961.5		3,179.3
2021		539.2		-		2,629.8		2,976.3		3,169.0
2022		536.4		-		2,642.1		2,965.4		3,178.5
2023		530.6		-		2,634.8		2,957.6		3,165.4
2024		528.4		-		2,648.6		2,975.0		3,177.1
2025		524.3		-		2,648.5		2,974.4		3,172.8
2026		519.2		-		2,646.5		2,975.5		3,165.7
2027		515.7		-		2,647.2		2,968.9		3,162.8
2028		509.7		-		2,638.4		2,950.4		3,148.1
2029		502.8		-		2,623.6		2,938.3		3,126.4
2030		495.7		-		2,612.7		2,923.3		3,108.4
	-2.7%	-1.7%			0.8%	0.8%	-0.1%	-0.1%	0.1%	0.3%
		1.2%				1.3%		-5.7%		1.3%
		-1.2%				0.1%		0.0%		-0.2%
		-1.1%				0.1%		0.1%		-0.1%
		-0.8%				0.1%		0.1%		0.0%
		-1.1%				-0.3%		-0.3%		-0.4%
		-0.8%				0.1%		-0.6%		0.0%



Plot I-23 MPS & SJ KW Peak Demand Per Customer By End-Use
For classes that have end-use sales

Year	MPS										SJ									
	Cooling		Heating		Non-HVAC Summer		Non-HVAC Winter		Year		Cooling		Heating		Non-HVAC Summer		Non-HVAC Winter		Year	
	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN
1990	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1991	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1992	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1993	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1995	395.0	389.1	3.3	2.9	1,270.7	1,270.7	1,393.2	1,393.2	1,665.6	1,659.8	-	-	-	-	-	-	-	-	-	-
1996	390.8	392.5	3.4	3.1	1,025.2	1,025.2	1,458.8	1,458.8	1,416.0	1,417.6	407.8	442.3	8.6	11.7	1,395.7	1,395.7	2,118.6	2,118.6	1,803.5	1,838.0
1997	409.5	353.1	8.7	6.5	1,006.4	1,006.4	1,385.7	1,385.7	1,415.8	1,359.5	331.7	370.5	10.8	10.5	1,575.5	1,575.5	2,079.9	2,079.9	1,907.2	1,946.0
1998	397.8	409.8	3.7	3.2	1,319.9	1,319.9	1,433.2	1,433.2	1,717.7	1,729.7	318.0	350.9	11.6	11.3	1,536.6	1,536.6	1,900.6	1,900.6	1,854.6	1,887.5
1999	383.5	346.6	22.4	15.9	1,089.6	1,089.6	1,179.0	1,179.0	1,473.1	1,436.1	391.4	298.0	18.9	12.8	1,443.7	1,443.7	1,588.6	1,588.6	1,835.1	1,741.7
2000	432.6	439.5	3.3	2.9	1,057.4	1,057.4	1,607.8	1,607.8	1,490.1	1,496.9	309.2	436.7	13.3	12.3	1,541.0	1,541.0	2,155.1	2,155.1	1,850.2	1,977.7
2001	370.2	368.7	31.7	21.4	1,305.1	1,305.1	1,312.7	1,312.7	1,675.3	1,673.8	291.7	293.4	16.0	15.5	2,072.8	2,072.8	1,555.4	1,555.4	2,364.6	2,366.2
2002	407.4	392.7	5.4	5.7	1,114.7	1,114.7	1,403.4	1,403.4	1,522.1	1,507.4	327.4	334.3	15.6	16.3	1,332.1	1,332.1	1,380.9	1,380.9	1,659.6	1,666.5
2003	397.4	365.4	7.7	3.2	1,075.8	1,075.8	1,278.9	1,278.9	1,473.2	1,441.2	329.7	316.9	17.9	12.6	1,822.7	1,822.7	1,528.9	1,528.9	2,152.4	2,139.5
2004	412.0	424.9	3.5	3.2	1,077.1	1,077.1	1,350.9	1,350.9	1,489.1	1,502.0	275.9	378.2	13.2	12.8	1,481.5	1,481.5	1,598.8	1,598.8	1,757.4	1,859.7
2005	385.1	382.4	3.6	3.2	1,310.4	1,310.4	1,381.9	1,381.9	1,695.5	1,692.8	367.3	384.2	13.0	12.5	1,584.1	1,584.1	1,874.8	1,874.8	1,951.4	1,968.4
2006	367.3	342.2	3.1	3.0	1,348.6	1,348.6	1,291.7	1,291.7	1,715.9	1,690.8	352.0	343.8	11.2	11.9	1,969.9	1,969.9	1,919.2	1,919.2	2,321.9	2,313.7
2007	370.8	323.1	16.5	14.8	1,198.9	1,198.9	1,011.4	1,011.4	1,569.8	1,522.0	325.4	415.2	16.8	18.3	1,710.2	1,710.2	1,628.5	1,628.5	2,035.6	2,125.4
2008	369.2	379.5	17.3	3.2	1,016.9	1,016.9	1,392.7	1,392.7	1,386.1	1,396.3	252.2	328.6	11.6	16.5	1,630.1	1,630.1	2,096.4	2,096.4	1,882.3	1,958.7
2009		387.2		17.4		1,096.5		1,204.7		1,483.7		348.6		13.1		1,630.8		1,938.0		1,979.4
2010		378.2		17.2		1,086.9		1,184.8		1,465.1		348.4		13.0		1,643.6		1,921.0		1,992.1
2011		364.2		16.9		1,062.6		1,160.1		1,426.8		342.8		12.7		1,633.0		1,922.9		1,975.9
2012		358.1		16.6		1,056.5		1,157.3		1,414.6		343.6		12.7		1,651.2		1,942.4		1,994.9
2013		354.5		16.5		1,056.7		1,159.0		1,411.2		341.5		12.6		1,650.5		1,940.7		1,992.0
2014		349.5		16.3		1,057.4		1,155.4		1,406.9		343.0		12.5		1,675.5		1,942.1		2,018.5
2015		344.8		16.1		1,058.9		1,158.8		1,403.7		341.8		12.5		1,683.9		1,955.9		2,025.7
2016		339.9		16.0		1,059.9		1,160.6		1,399.8		338.4		12.5		1,679.9		1,975.3		2,018.3
2017		335.5		15.9		1,063.2		1,162.6		1,398.8		338.3		12.5		1,695.9		1,965.7		2,034.2
2018		331.2		15.8		1,064.7		1,163.4		1,395.8		334.3		12.4		1,689.1		1,980.7		2,023.4
2019		327.3		15.7		1,066.9		1,167.0		1,394.2		334.3		12.4		1,703.5		1,972.8		2,037.8
2020		324.2		15.7		1,069.5		1,165.1		1,393.7		331.3		12.4		1,697.3		1,963.5		2,028.6
2021		321.6		15.6		1,072.6		1,168.4		1,394.2		328.3		12.4		1,690.7		1,976.2		2,019.0
2022		318.8		15.6		1,075.0		1,170.4		1,393.8		328.4		12.4		1,701.7		1,964.5		2,030.1
2023		316.3		15.6		1,077.3		1,173.9		1,393.6		325.3		12.4		1,693.1		1,954.5		2,018.3
2024		313.7		15.6		1,079.2		1,177.0		1,392.9		326.0		12.4		1,706.2		1,970.4		2,032.2
2025		311.9		15.6		1,083.2		1,182.3		1,395.1		324.3		12.5		1,703.3		1,966.1		2,027.6
2026		309.1		15.6		1,084.5		1,188.0		1,393.7		322.3		12.5		1,701.4		1,963.1		2,023.7
2027		307.9		15.6		1,089.8		1,189.1		1,397.7		320.6		12.6		1,698.1		1,957.0		2,018.7
2028		305.3		15.6		1,090.5		1,186.1		1,395.8		317.5		12.6		1,689.7		1,942.8		2,007.2
2029		302.2		15.6		1,088.8		1,188.1		1,391.0		313.9		12.6		1,677.8		1,930.1		1,991.7
2030		298.7		15.6		1,087.6		1,183.9		1,386.3		310.3		12.6		1,669.2		1,920.6		1,979.5
96-'08	-0.5%	-0.3%	14.5%	0.3%	-0.1%	-0.1%	-0.4%	-0.4%	-0.2%	-0.1%	-3.9%	-2.4%	2.6%	2.9%	1.3%	1.3%	-0.1%	-0.1%	0.4%	0.5%
08-'10		-0.2%		130.5%		3.4%		-7.8%		2.4%		3.0%		-11.4%		0.4%		-4.3%		0.8%
10-'15		-1.8%		-1.3%		-0.5%		-0.4%		-0.9%		-0.4%		-0.7%		0.5%		0.4%		0.3%
15-'20		-1.2%		-0.6%		0.2%		0.1%		-0.1%		-0.6%		-0.2%		0.2%		0.1%		0.0%
20-'25		-0.8%		-0.1%		0.3%		0.3%		0.0%		-0.4%		0.1%		0.1%		0.0%		0.0%
25-'30		-0.9%		0.0%		0.1%		0.0%		-0.1%		-0.9%		0.2%		-0.4%		-0.5%		-0.5%
08-'30		-1.1%		7.4%		0.3%		-0.7%		0.0%		-0.3%		-1.2%		0.1%		-0.4%		0.0%

Year	GMOC									
	Cooling		Heating		Non-HVAC Summer		Non-HVAC Winter		Year	
	Actual	WN	Actual	WN	Actual	WN	Actual	WN	Actual	WN
1990	-	-	-	-	-	-	-	-	-	-
1991	-	-	-	-	-	-	-	-	-	-
1992	-	-	-	-	-	-	-	-	-	-
1993	-	-	-	-	-	-	-	-	-	-
1994	-	-	-	-	-	-	-	-	-	-
1995	-	-	-	-	-	-	-	-	-	-
1996	798.6	834.8	12.0	14.9	2,420.8	2,420.8	3,577.4	3,577.4	3,219.5	3,255.6
1997	741.2	723.6	19.5	17.0	2,581.9	2,581.9	3,465.6	3,465.6	3,323.1	3,305.5
1998	715.8	760.6	15.3	14.5	2,856.6	2,856.6	3,333.8	3,333.8	3,572.3	3,617.2
1999	775.0	644.6	41.3	28.7	2,533.3	2,533.3	2,767.6	2,767.6	3,308.2	3,177.8
2000	741.8	876.2	16.6	15.3	2,598.4	2,598.4	3,762.9	3,762.9	3,340.2	3,474.6
2001	661.9	662.1	47.7	36.9	3,377.9	3,377.9	2,868.1	2,868.1	4,039.8	4,040.1
2002	734.8	727.1	21.1	22.0	2,446.8	2,446.8	2,784.3	2,784.3	3,181.7	3,173.9
2003	727.0	682.3	25.6	15.8	2,898.5	2,898.5	2,807.8	2,807.8	3,625.5	3,580.8
2004	687.9	803.1	16.7	15.9	2,558.6	2,558.6	2,949.7	2,949.7	3,246.5	3,361.7
2005	752.3	766.6	16.6	15.7	2,894.6	2,894.6	3,256.7	3,256.7	3,646.9	3,661.2
2006	719.3	686.0	14.3	14.9	3,318.5	3,318.5	3,210.9	3,210.9	4,037.8	4,004.5
2007	696.2	738.3	33.3	33.1	2,909.2	2,909.2	2,639.9	2,639.9	3,605.4	3,647.5
2008	621.4	708.1	28.9	19.7	2,647.0	2,647.0	3,489.1	3,489.1	3,268.4	3,355.1
2009		735.8		30.5		2,727.3		3,142.7		3,463.1
2010		726.7		30.1		2,730.5		3,105.8		3,457.2
2011		707.1		29.6		2,695.6		3,083.0		3,402.6
2012		701.8		29.3		2,707.7		3,099.7		3,409.5
2013		696.0		29.1		2,707.2		3,099.8		3,403.2
2014		692.5		28.8		2,732.9		3,097.5		3,425.4
2015		686.7		28.6		2,742.8		3,114.7		3,429.4
2016		678.3		28.5		2,739.8		3,135.9		3,418.1
2017		673.8		28.4		2,759.2		3,128.3		3,433.0
2018		665.5		28.2		2,753.8		3,144.1		3,419.2
2019		661.6		28.1		2,770.4		3,139.8		3,432.0
2020		655.4		28.1		2,766.9		3,128.6		3,422.3
2021		649.9		28.1		2,763.3		3,144.6		3,413.2
2022		647.2		28.0		2,776.7		3,135.0		3,423.8
2023		641.5		28.0		2,770.4		3,128.4		3,411.9
2024		639.7		28.0		2,785.4		3,147.4		3,425.2
2025		636.2		28.1		2,786.5		3,148.4		3,422.7
2026		631.5		28.1		2,785.9		3,151.1		3,417.4
2027		628.5		28.2		2,787.9		3,146.1		3,416.4
2028		622.8		28.2		2,780.2		3,128.9		3,403.0
2029		616.2		28.2		2,766.6		3,118.2		3,382.7
2030		609.0		28.2		2,756.8		3,104.5		3,365.9
	-2.1%	-1.4%	7.6%	2.4%	0.7%	0.7%	-0.2%	-0.2%	0.1%	0.3%
		1.3%		23.6%		1.6%		-5.7%		1.5%
		-1.1%		-1.0%		0.1%		0.1%		-0.2%
		-0.9%		-0.4%		0.2%		0.1%		0.0%
		-0.6%		0.0%		0.1%		0.1%		0.0%
		-0.9%		0.1%		-0.2%		-0.3%		-0.3%
		-0.7%		1.6%		0.2%		-0.5%		0.0%

