

Part 1 - Appendix 3A1
KCPL Reports

Missouri 4 CSR 240-22.030 (2)(D)(3) Reporting Requirements
Load Analysis and Forecasting

(2)(D) For each major class specified pursuant to subsection (2)(A), the utility shall provide, on a seasonal and annual basis for each year of the historical period --

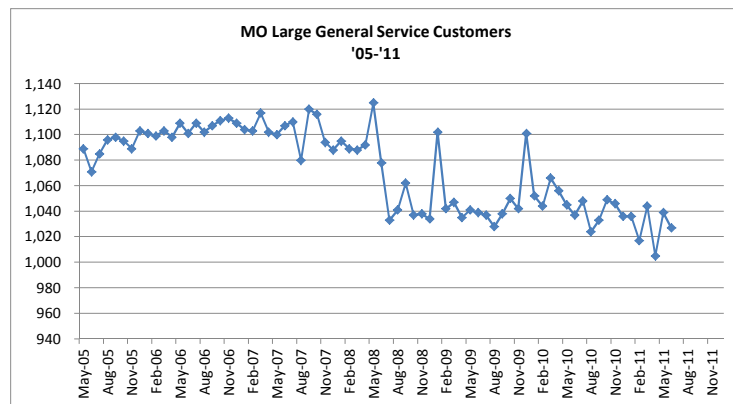
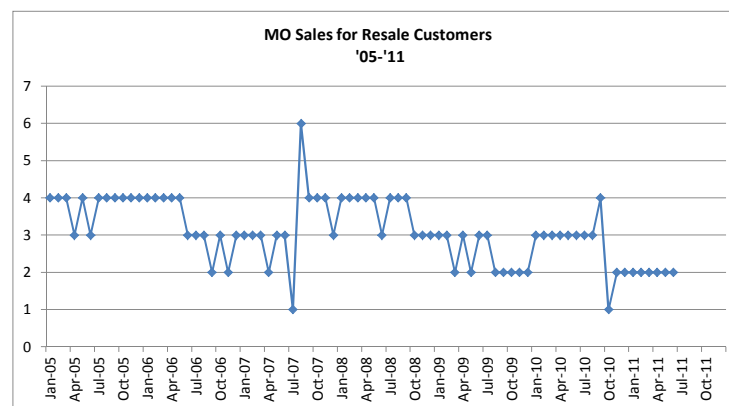
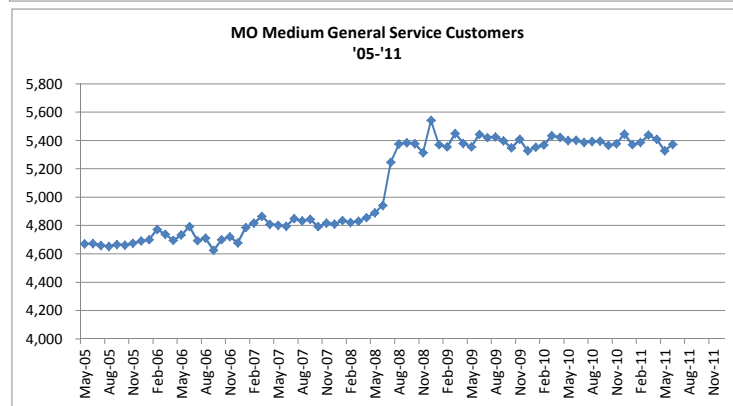
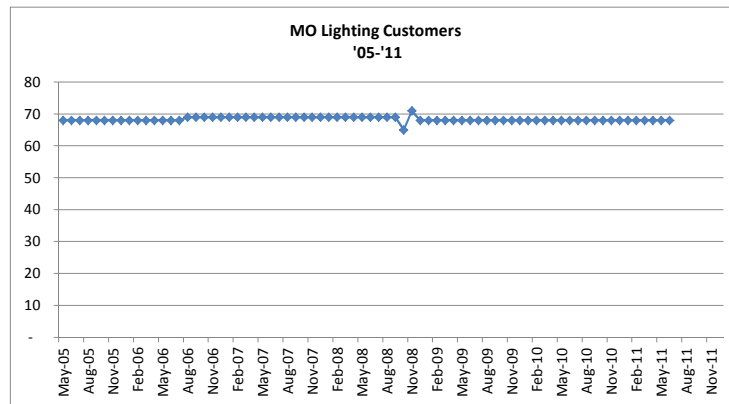
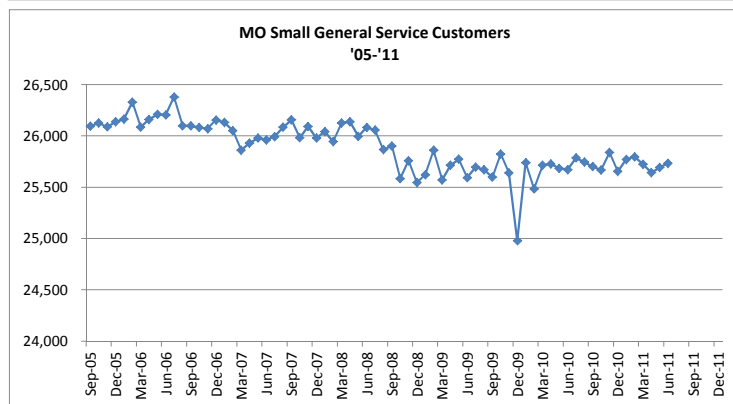
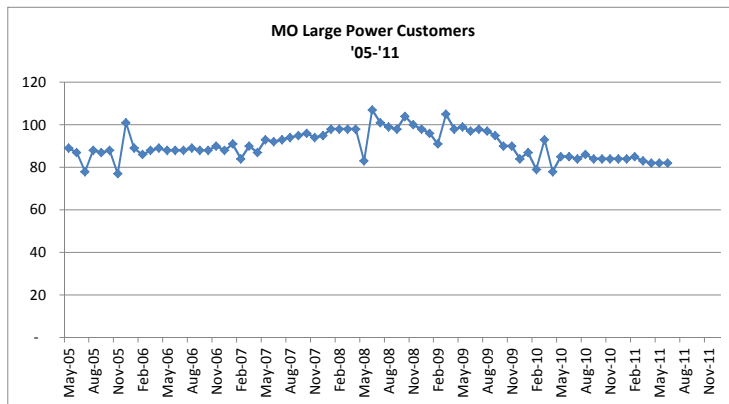
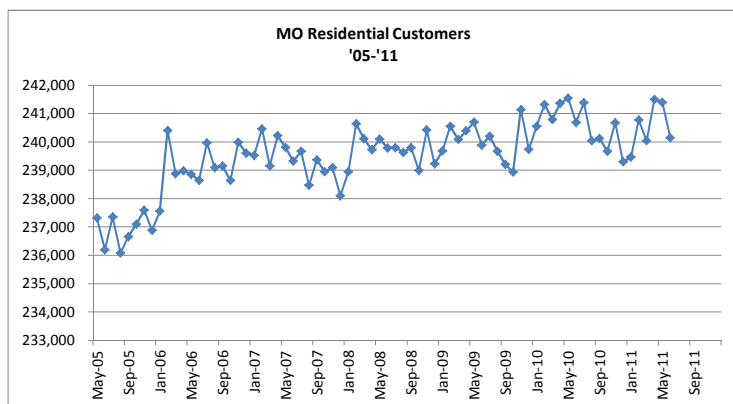
(2)(D)(3) Plots illustrating trends materially affecting electricity consumption over the historical period.

Compliance: See Plots 3A1-1 through 3A1-9 for base-case GMOC forecast reports designed to comply with section (2)(D)(3) reporting requirements.

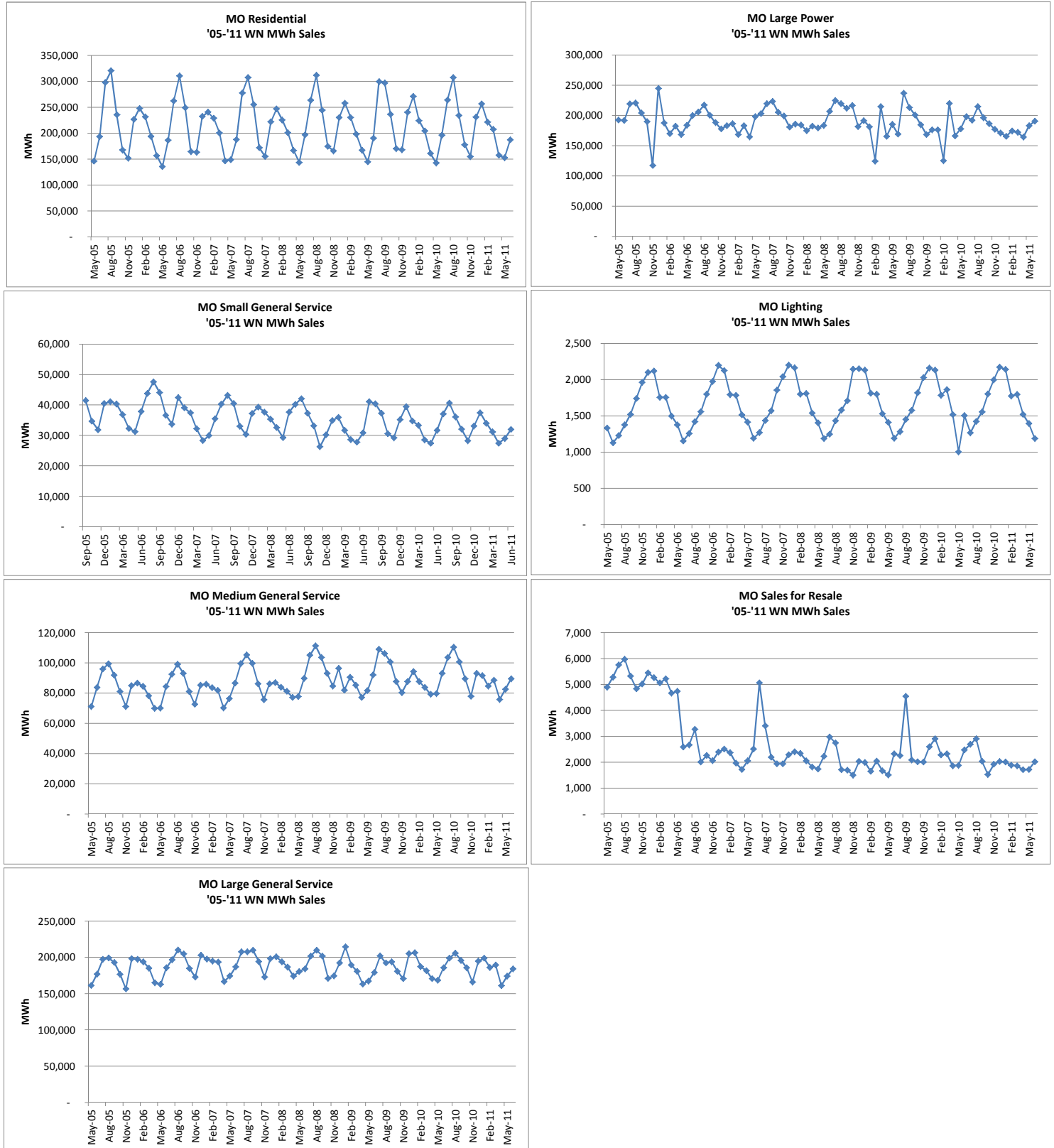
Linked Files:

MO2012Com_Datalyzer
MO2012IND_Datalyzer
MO2012Other_Datalyzer
MO2012RES_Datalyzer
KS2012Com_Datalyzer
KS2012IND_Datalyzer
KS2012Other_Datalyzer
KS2012RES_Datalyzer

Plot 3A1-1 Kansas City Power Light - Missouri Class Customers

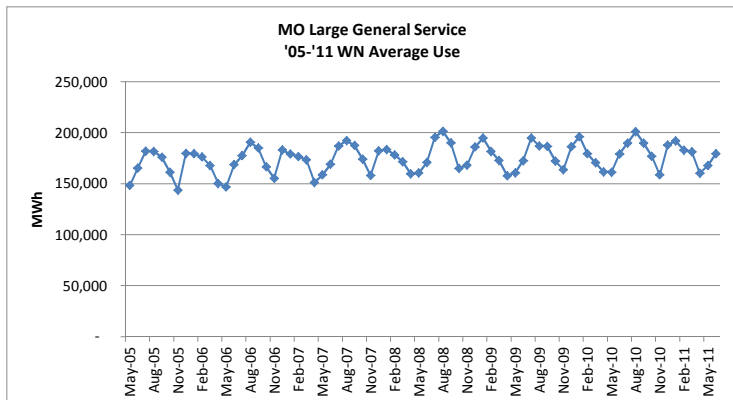
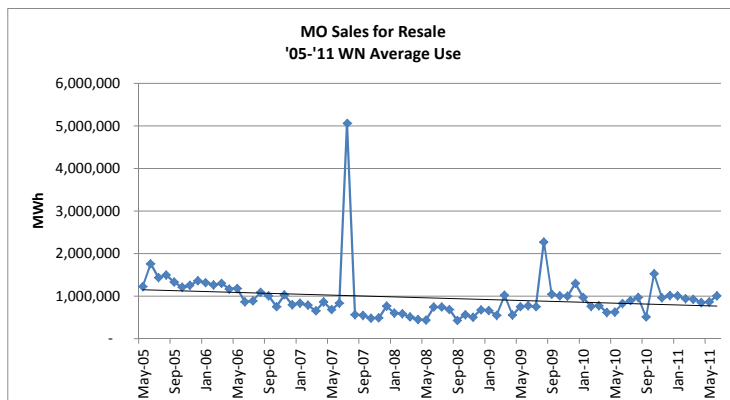
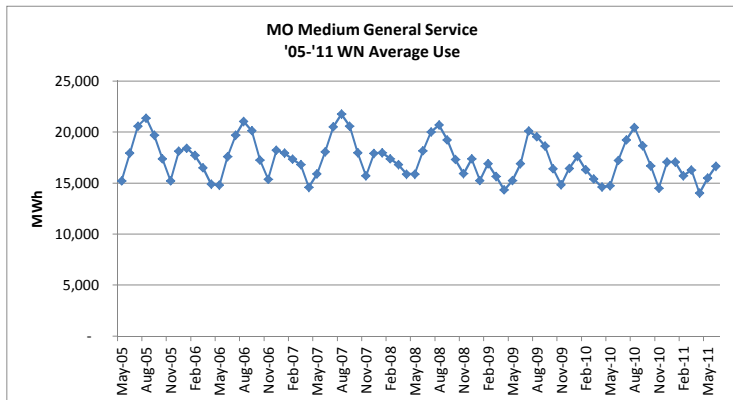
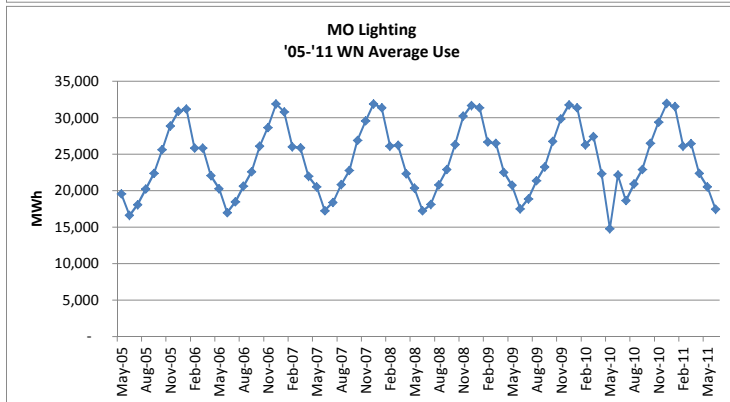
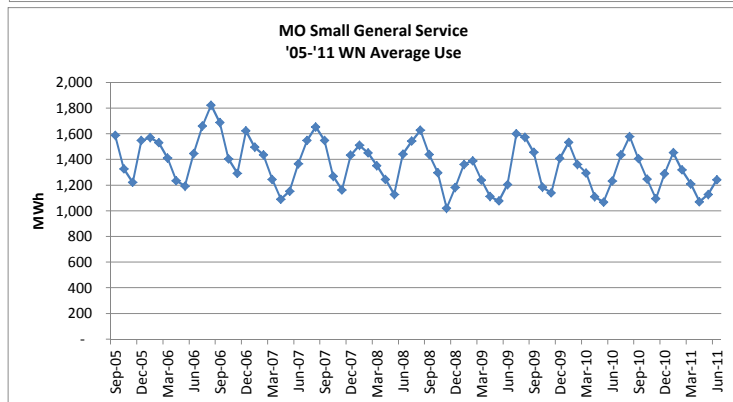
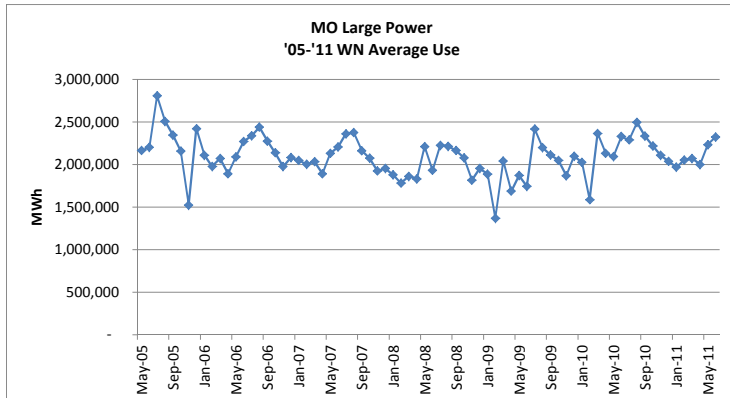


Plot 3A1-2 Kansas City Power Light - Missouri Class Weather Normalized MWh Sales

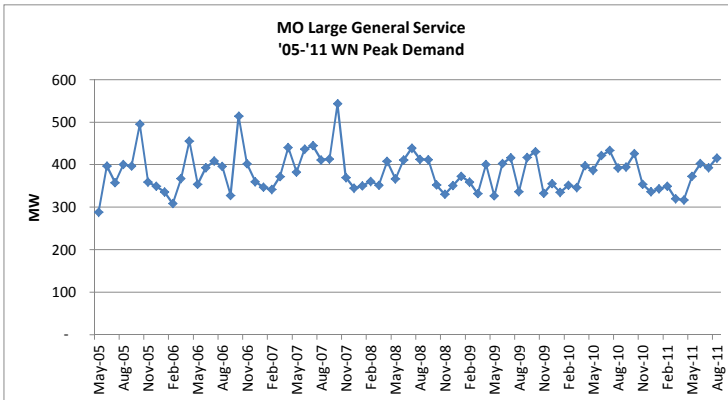
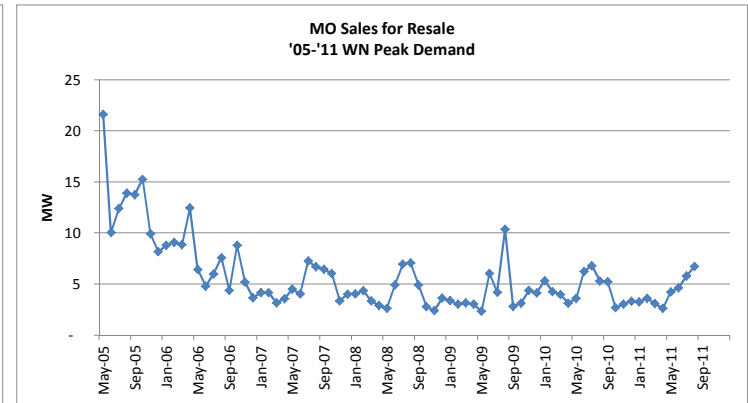
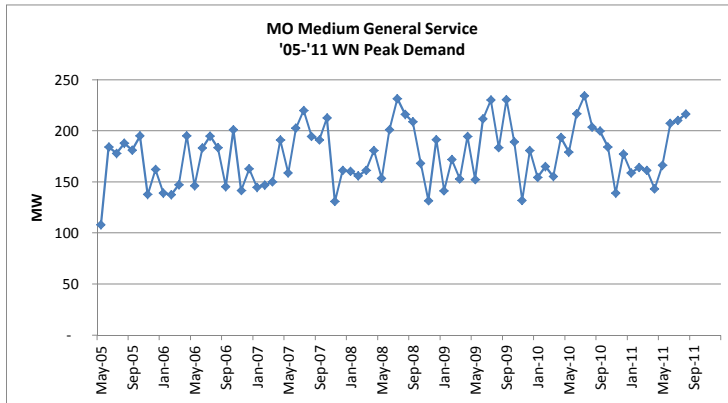
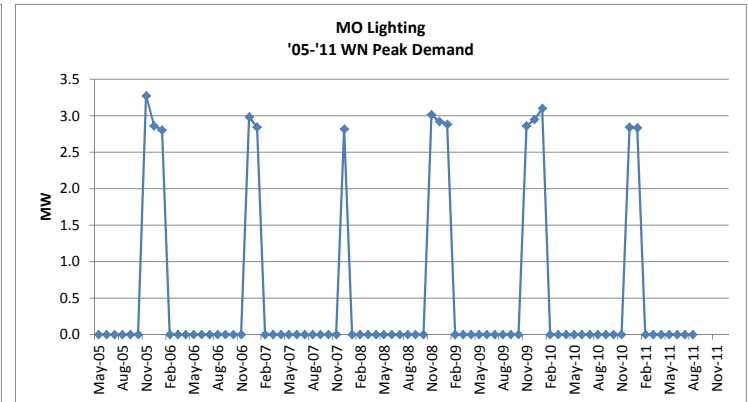
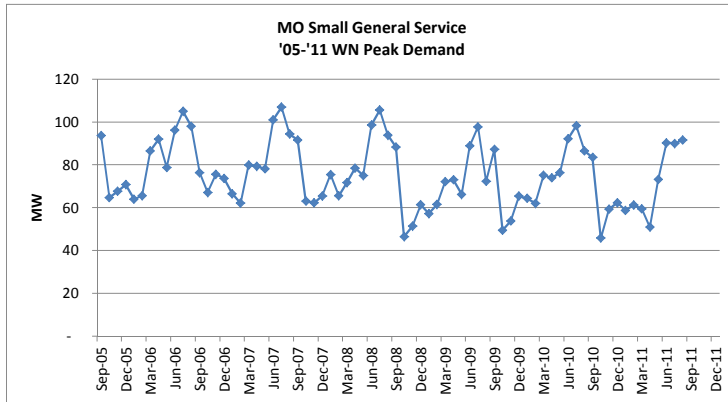
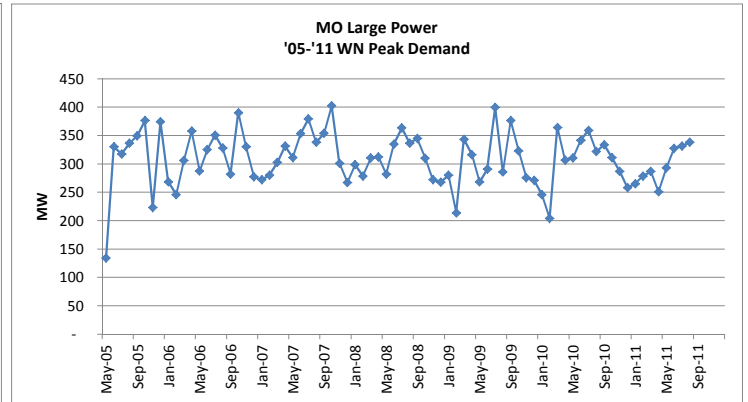
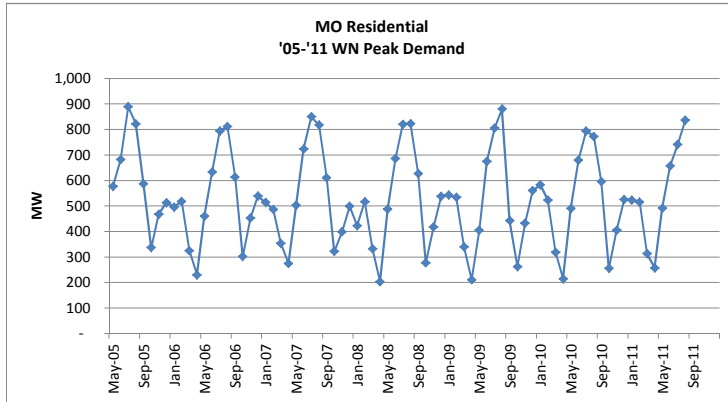


MO Residential '05-'11 WN Average Use

Month	MWh
May-05	600
Jun-05	800
Jul-05	1250
Aug-05	1350
Sep-05	1000
Oct-05	680
Nov-05	620
Dec-05	950
Jan-06	980
Feb-06	800
Mar-06	580
Apr-06	780
May-06	1050
Jun-06	1280
Jul-06	1020
Aug-06	680
Sep-06	650
Oct-06	980
Nov-06	1000
Dec-06	950
Jan-07	820
Feb-07	600
Mar-07	600
Apr-07	780
May-07	1150
Jun-07	1280
Jul-07	1050
Aug-07	680
Sep-07	920
Oct-07	980
Nov-07	820
Dec-07	850
Jan-08	600
Feb-08	800
Mar-08	1080
Apr-08	1000
May-08	1280
Jun-08	1050
Jul-08	680
Aug-08	700
Sep-08	950
Oct-08	1050
Nov-08	850
Dec-08	600
Jan-09	680
Feb-09	780
Mar-09	1220
Apr-09	1220
May-09	1000
Jun-09	680
Jul-09	680
Aug-09	980
Sep-09	1000
Oct-09	850
Nov-09	800
Dec-09	600
Jan-10	800
Feb-10	1250
Mar-10	1080
Apr-10	950
May-10	650
Jun-10	680
Jul-10	980
Aug-10	1050
Sep-10	850
Oct-10	620
Nov-10	650
Dec-10	880
Jan-11	600
Feb-11	620
Mar-11	780

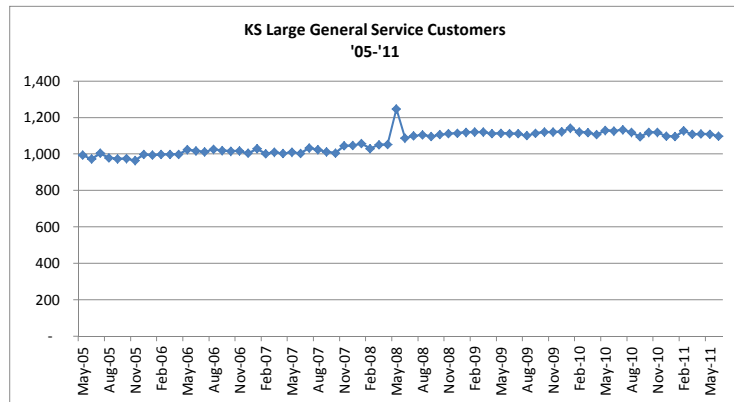
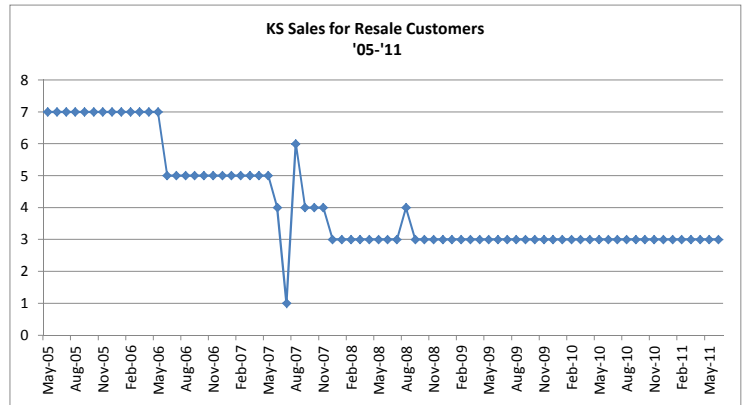
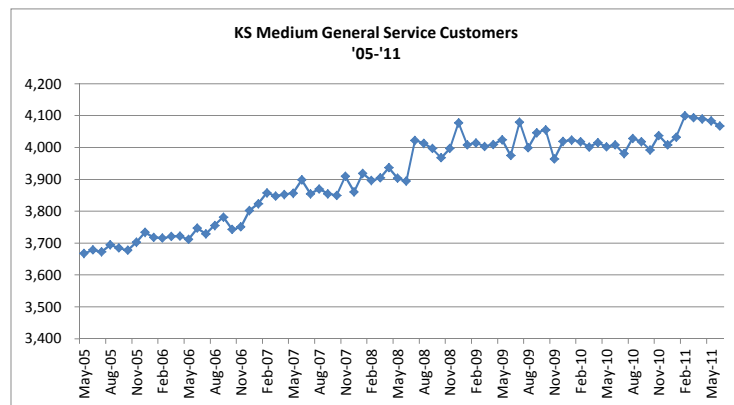
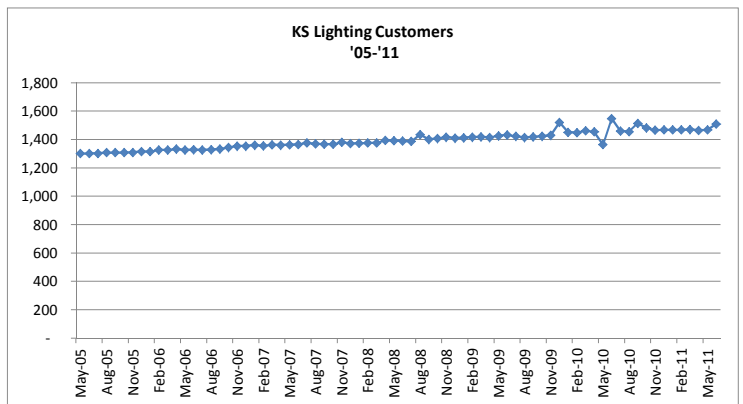
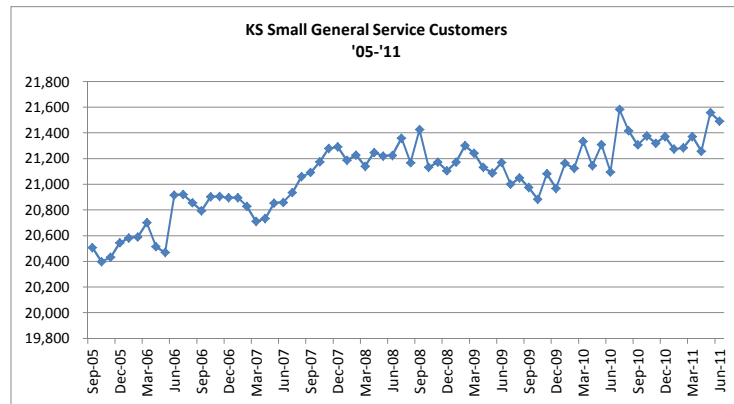
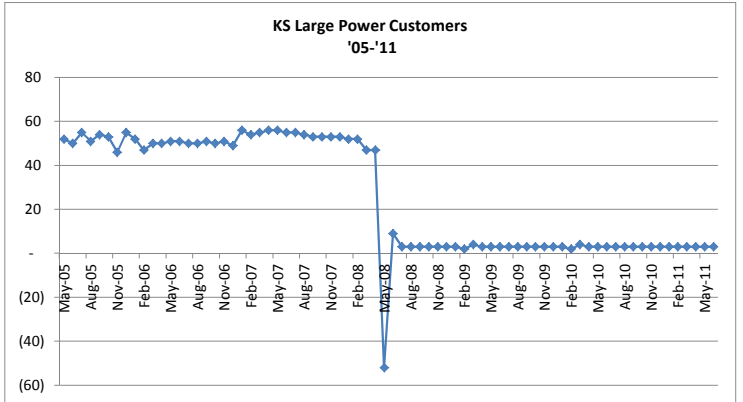


Plot 3A1-4 Kansas City Power Light - Missouri Class Weather Normalized Peak Demand (MW)



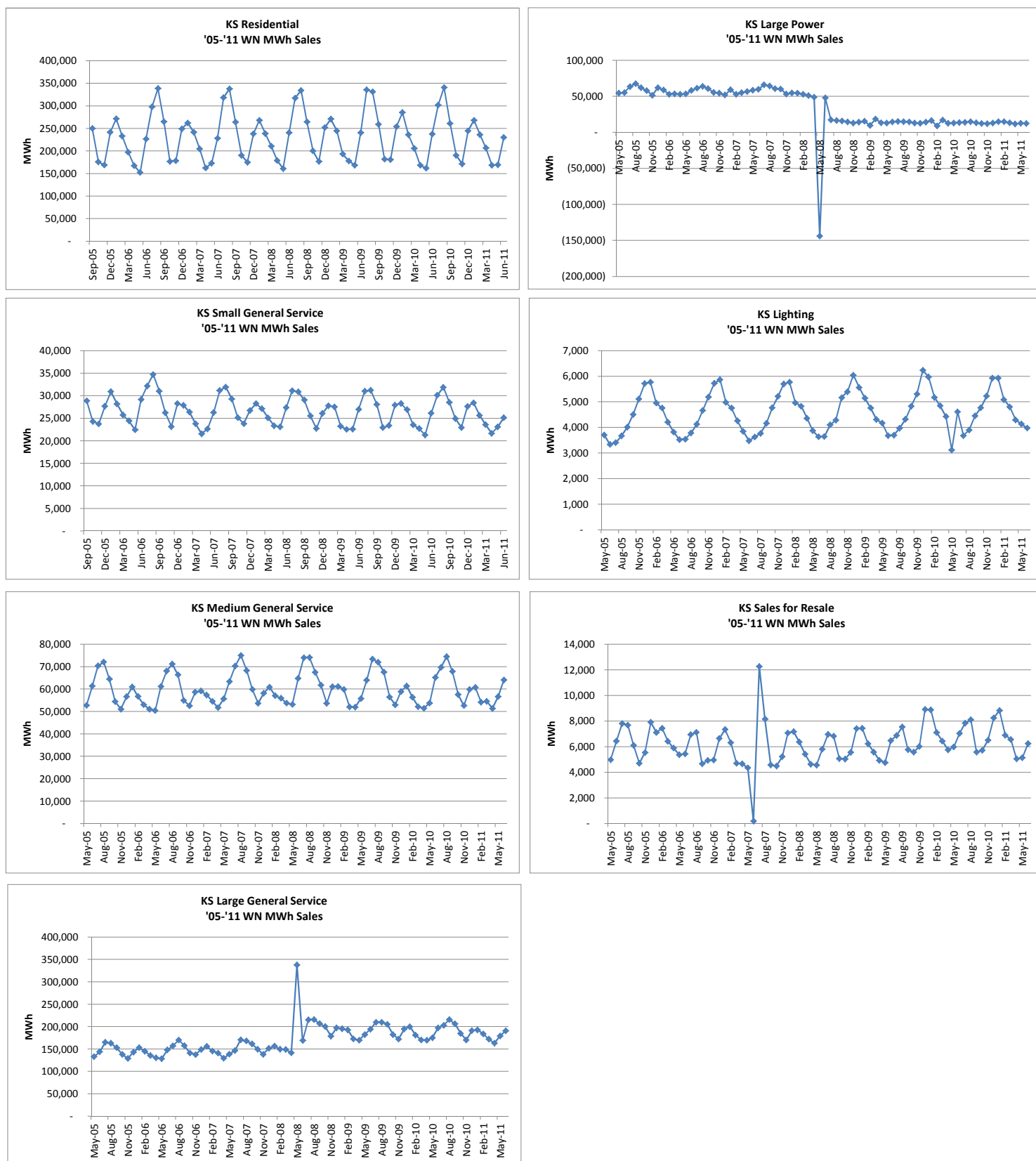
KS Residential Customers '05-'11

Month	Customers
Sep-05	204,000
Oct-05	204,000
Nov-05	204,500
Dec-05	204,000
Jan-06	205,000
Feb-06	204,500
Mar-06	205,500
Apr-06	206,000
May-06	206,500
Jun-06	207,500
Jul-06	207,000
Aug-06	207,500
Sep-06	208,000
Oct-06	208,500
Nov-06	208,000
Dec-06	209,000
Jan-07	208,500
Feb-07	209,500
Mar-07	209,000
Apr-07	209,500
May-07	209,500
Jun-07	209,500
Jul-07	209,500
Aug-07	210,000
Sep-07	209,500
Oct-07	210,000
Nov-07	209,500
Dec-07	210,000
Jan-08	210,500
Feb-08	211,000
Mar-08	211,000
Apr-08	211,000
May-08	211,500
Jun-08	211,000
Jul-08	211,500
Aug-08	211,000
Sep-08	211,500
Oct-08	211,000
Nov-08	211,500
Dec-08	211,000
Jan-09	211,500
Feb-09	211,500
Mar-09	211,500
Apr-09	211,500
May-09	211,500
Jun-09	211,500
Jul-09	211,500
Aug-09	211,500
Sep-09	211,500
Oct-09	211,500
Nov-09	211,500
Dec-09	211,500
Jan-10	211,500
Feb-10	211,500
Mar-10	211,500
Apr-10	211,500
May-10	211,500
Jun-10	211,500
Jul-10	211,500
Aug-10	211,500
Sep-10	211,500
Oct-10	211,500
Nov-10	211,500
Dec-10	211,500
Jan-11	211,500
Feb-11	211,500
Mar-11	211,500
Apr-11	211,500
May-11	211,500
Jun-11	211,500



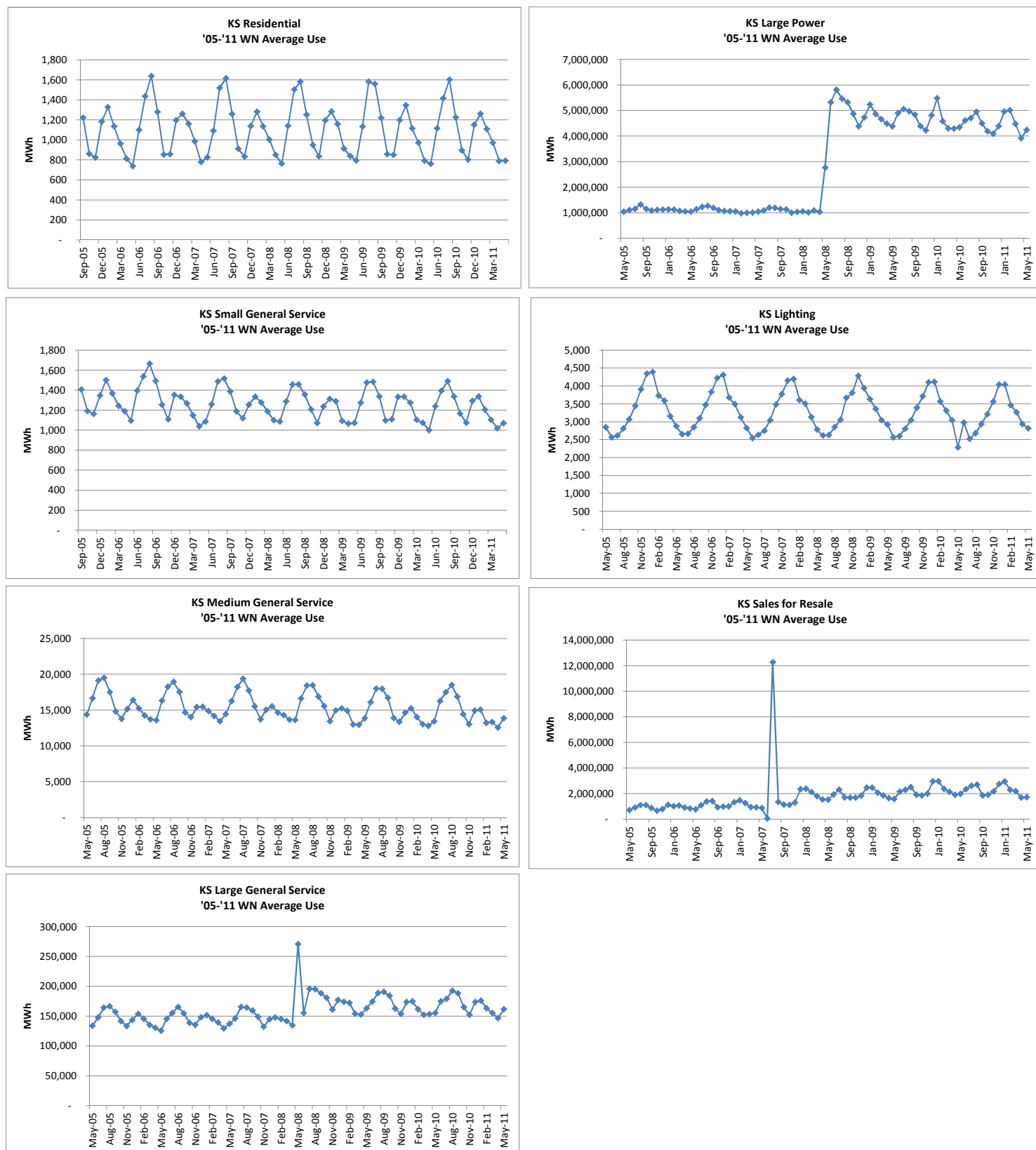
Page 3A1-6

Plot 3A1-6 Kansas City Power Light - Kansas Class Weather Normalized MWh Sales



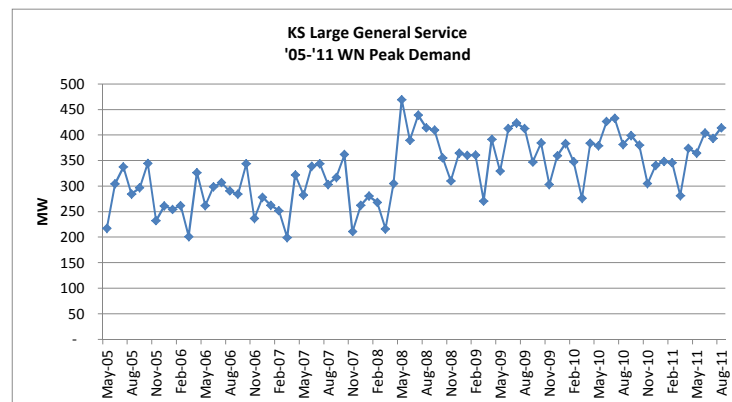
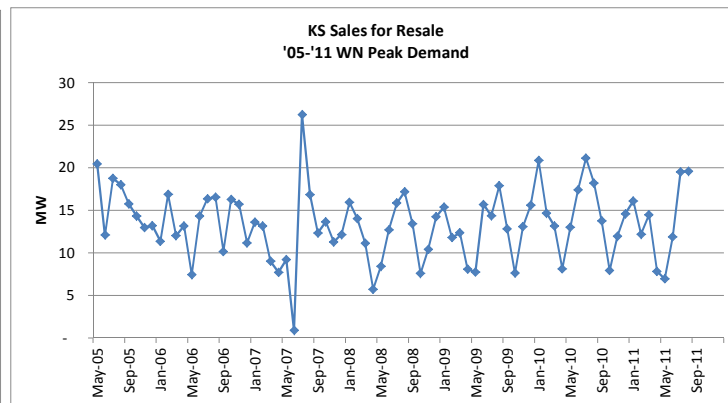
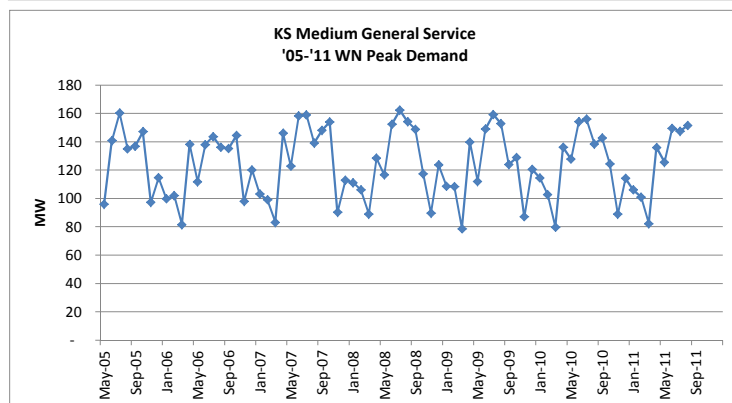
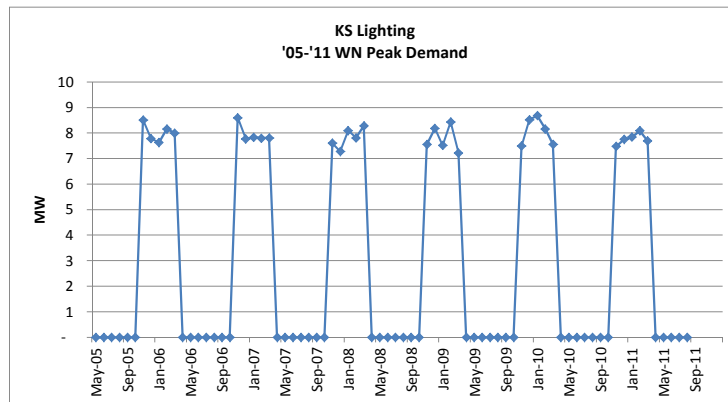
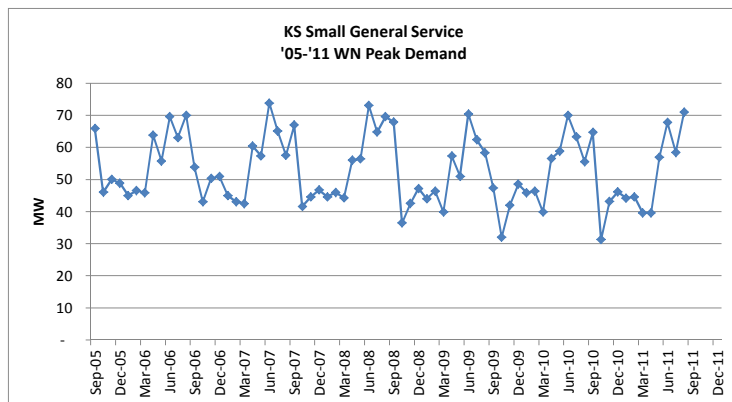
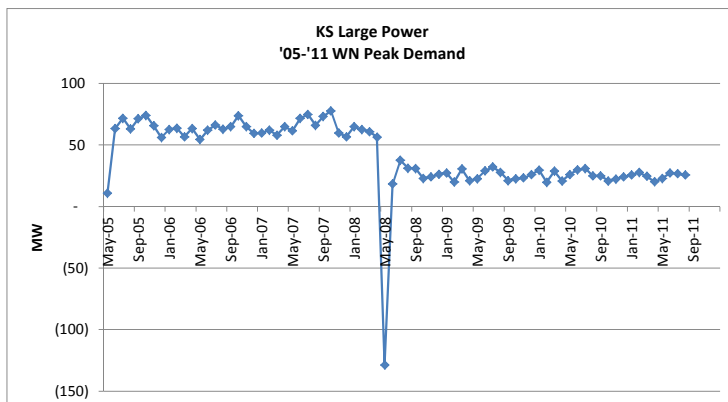
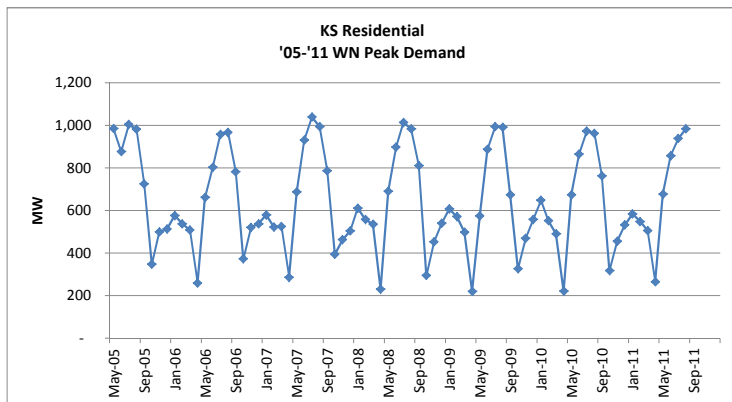
*Increase in large general service and decrease in large power due to customer switching.

Plot 3A1-7 Kansas City Power Light - Kansas Class Weather Normalized Average Use



*Increase in large general service and decrease in large power due to customer switching.

Plot 3A1-8 Kansas City Power Light - Kansas Class Weather Normalized Peak Demand (MW)



*Increase in large general service and decrease in large power due to customer switching.