

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 --

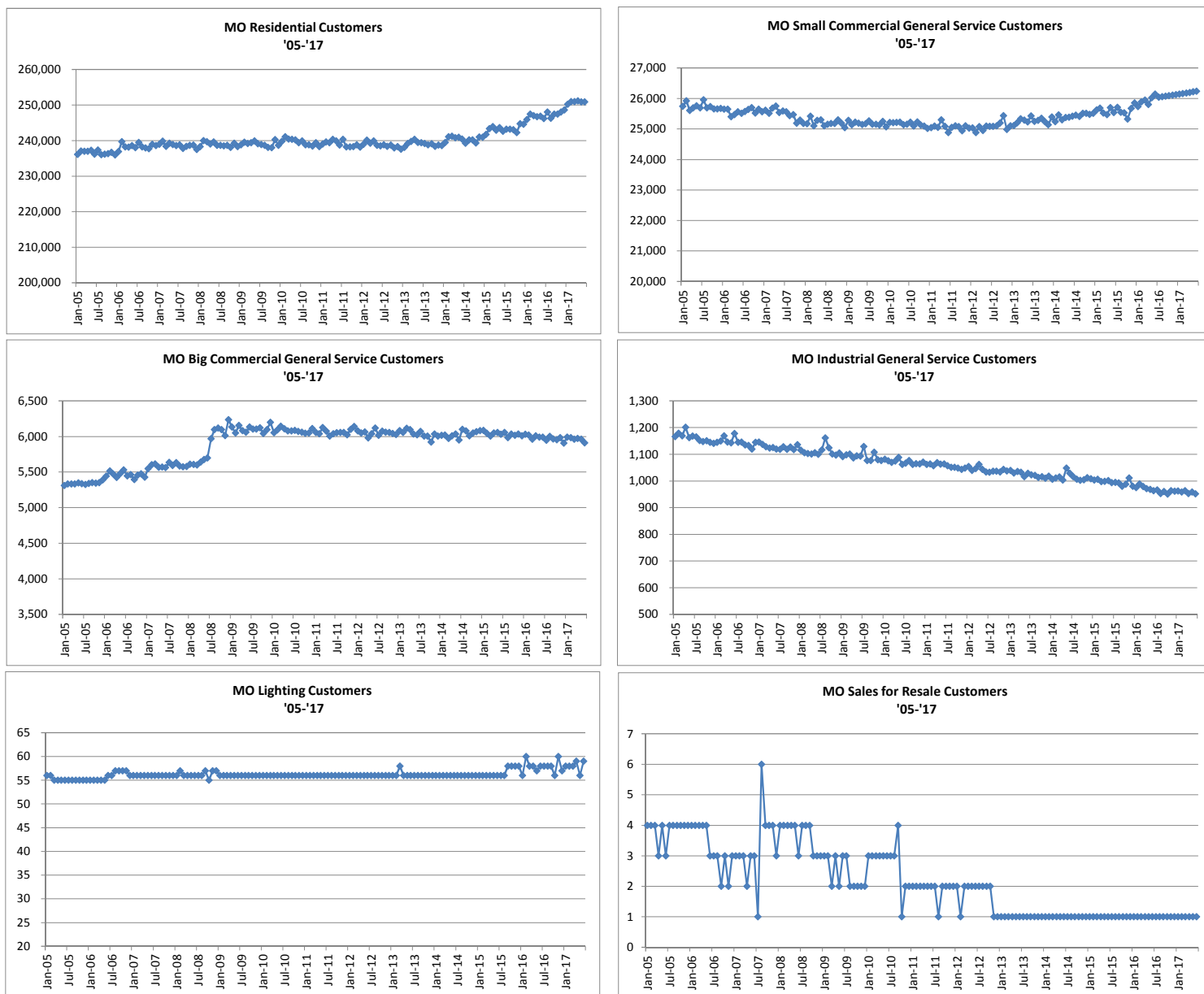
(2)(D)(3) Plots illustrating trends materially affecting electricity consumption over the historical period.

Compliance: See Plots 3A1-1 through 3A1-8 for base-case KCP&L forecast reports designed to comply with section (2)(D)(3) reporting requirements.

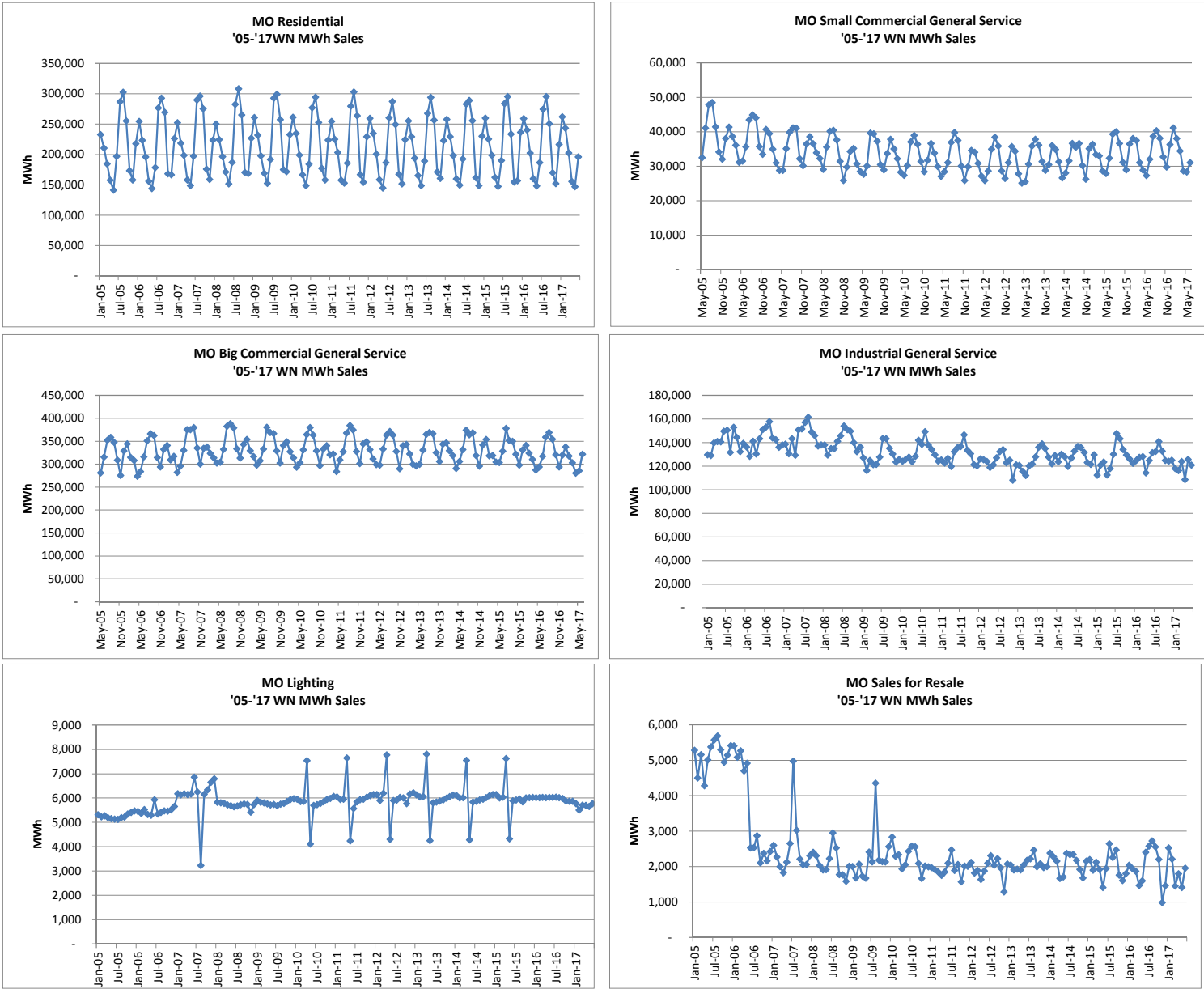
Linked Files:

MO2018RES_Datalyzer
MO2018Com_Datalyzer
MO2018IND_Datalyzer
MO2018Other_Datalyzer
KS2018RES_Datalyzer
KS2018Com_Datalyzer
KS2018IND_Datalyzer
KS2018Other_Datalyzer

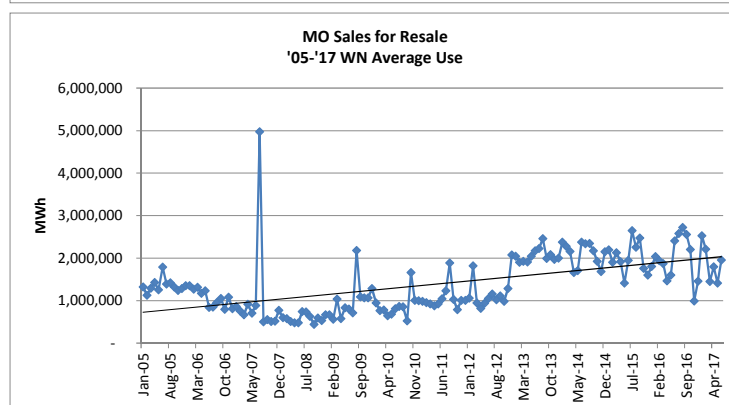
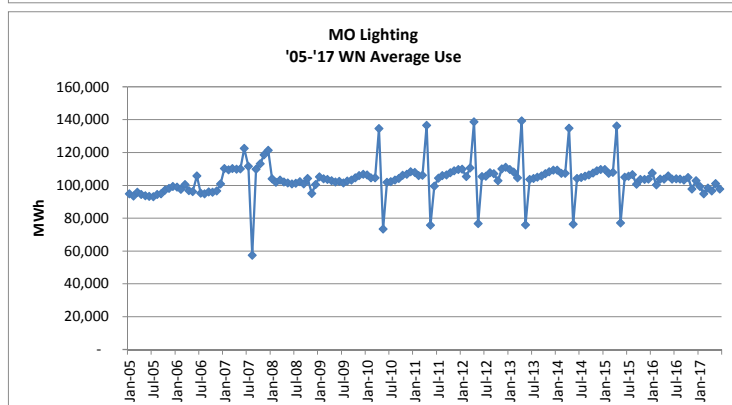
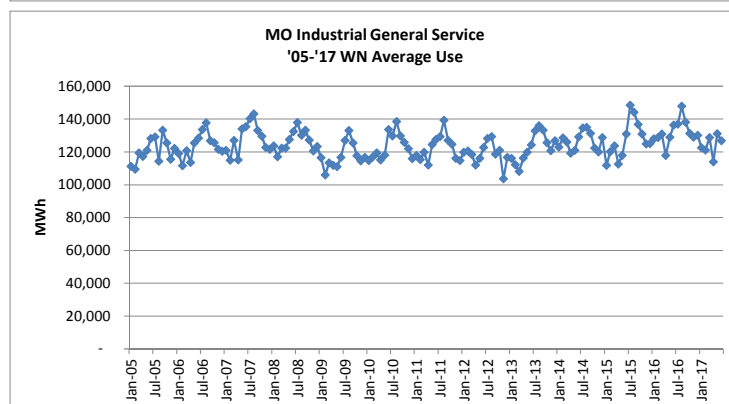
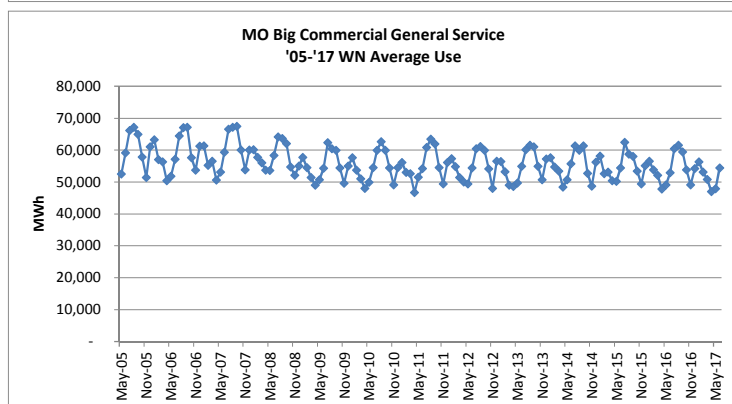
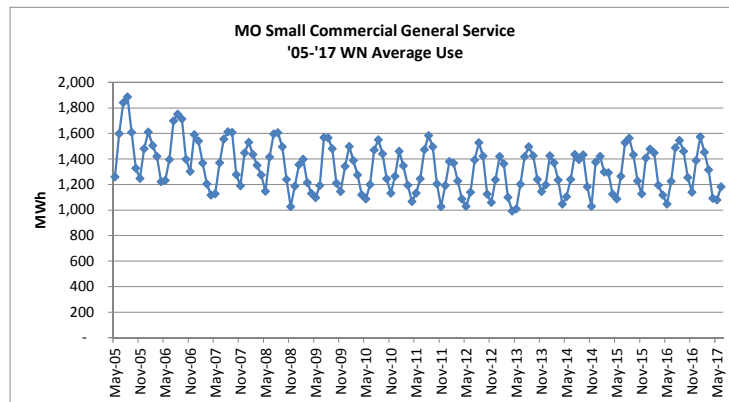
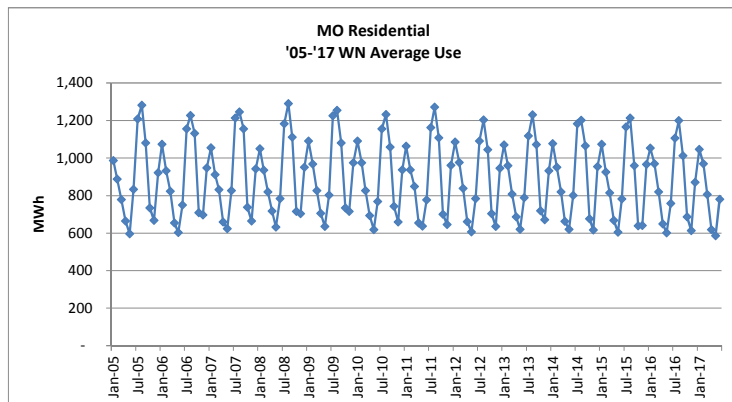
Plot 3A1-1 Kansas City Power Light - Missouri Class Customers



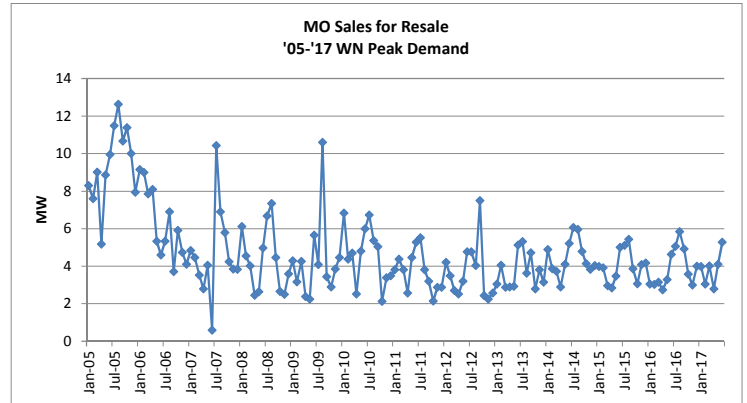
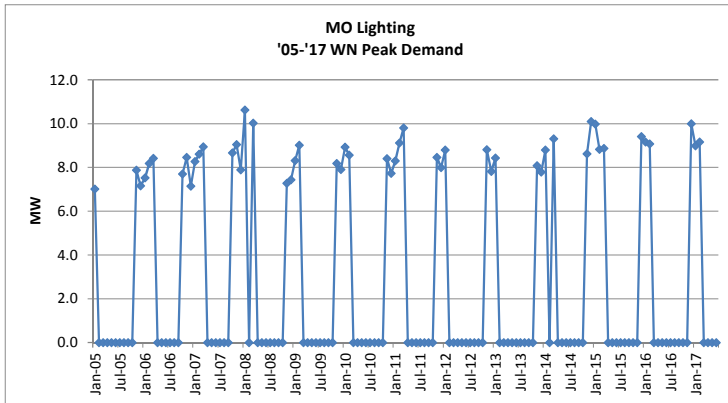
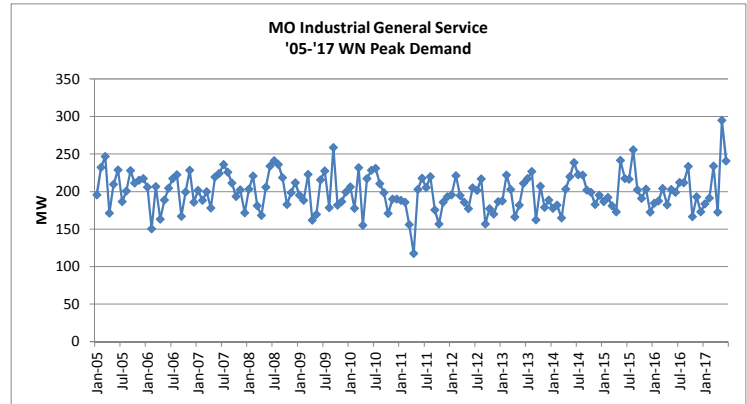
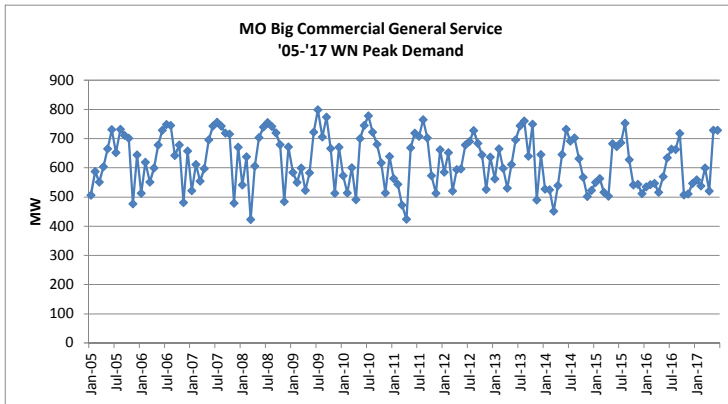
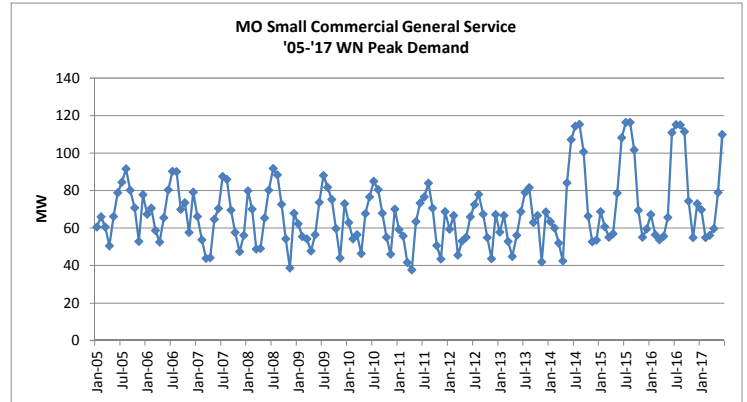
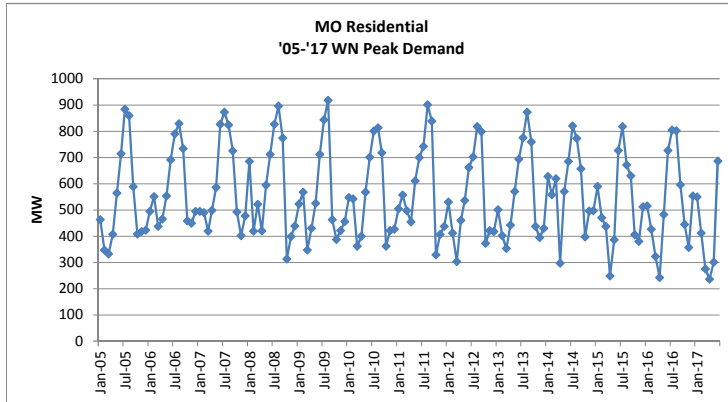
Plot 3A1-2 Kansas City Power Light - Missouri Class Weather Normalized MWh Sales



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



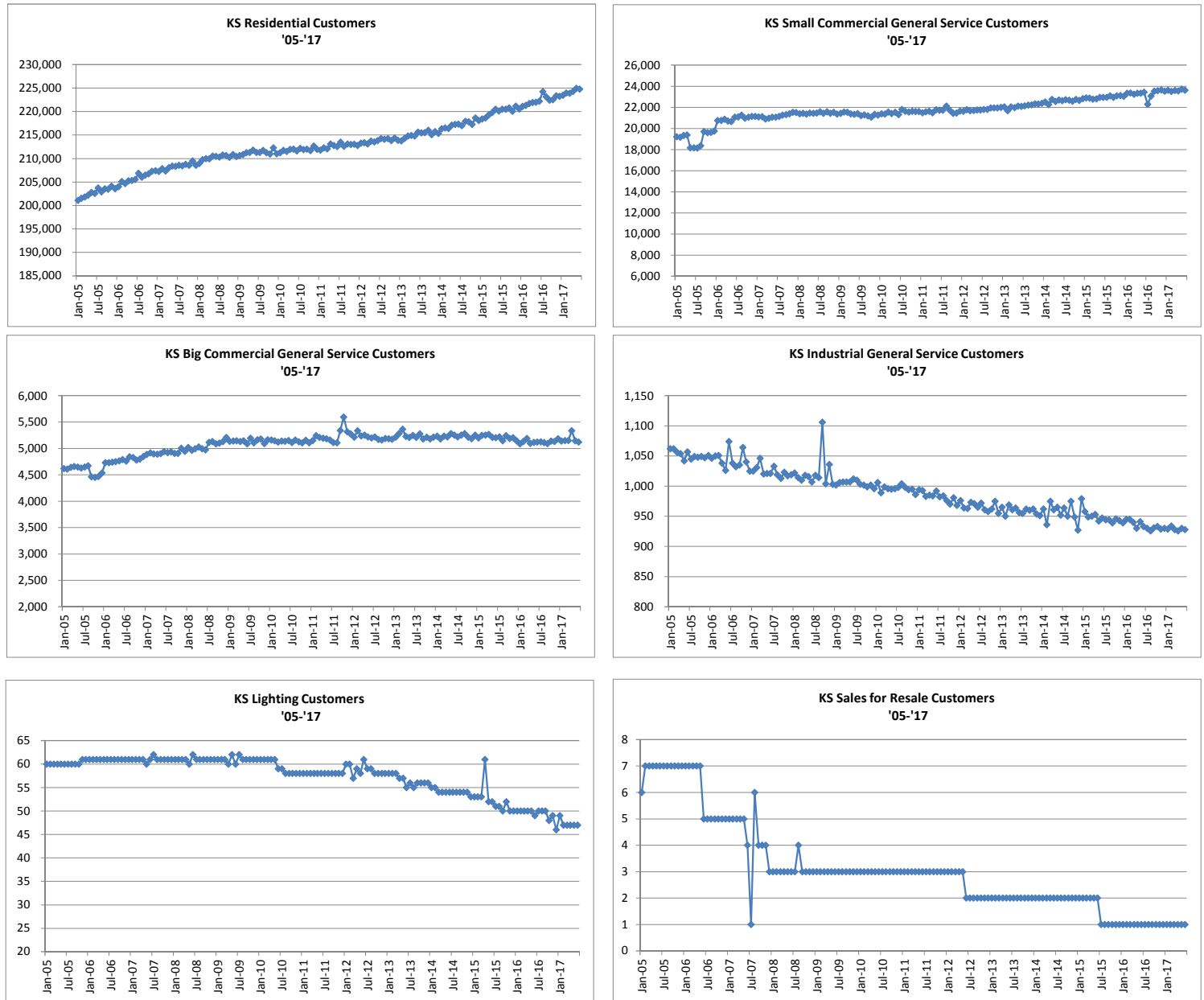
Plot 3A1-4 Kansas City Power Light - Missouri Class Weather Normalized Peak Demand (MW)



*Increase in small general service and decrease in big commercial due to customer switching.

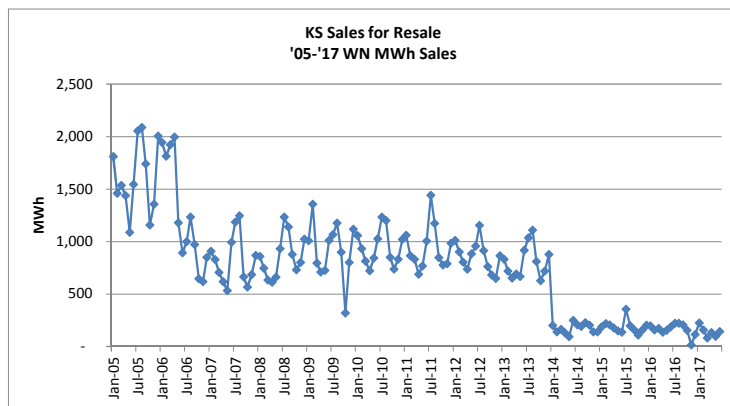
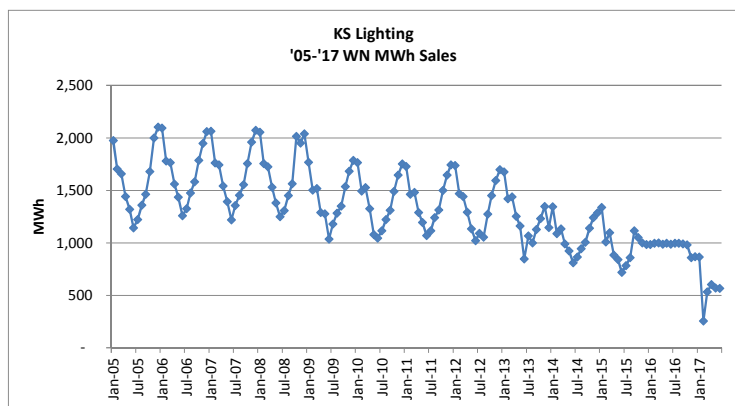
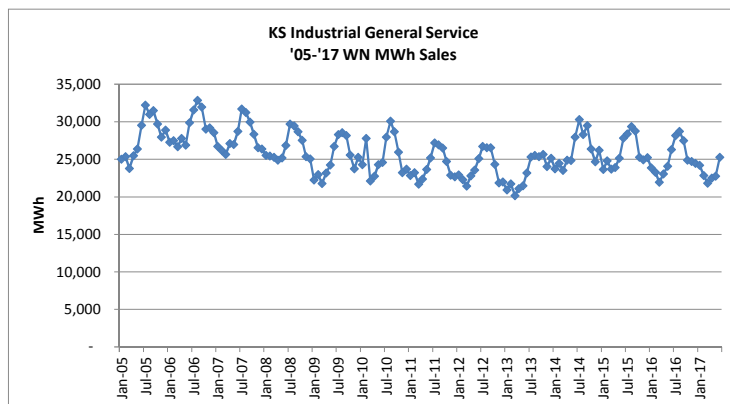
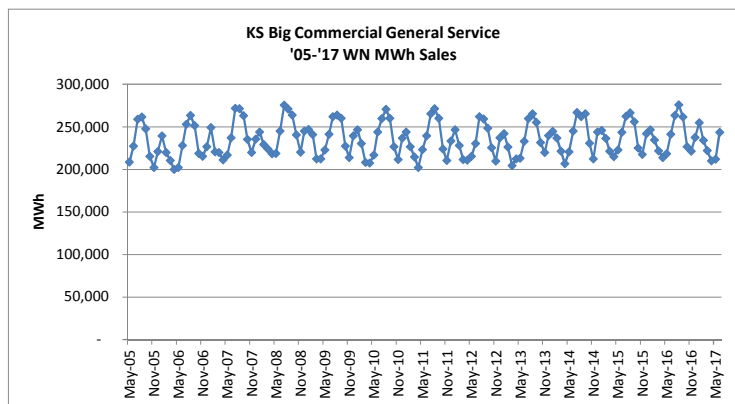
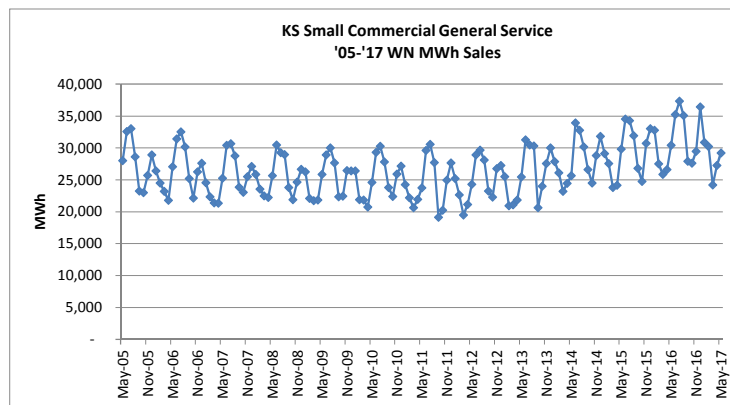
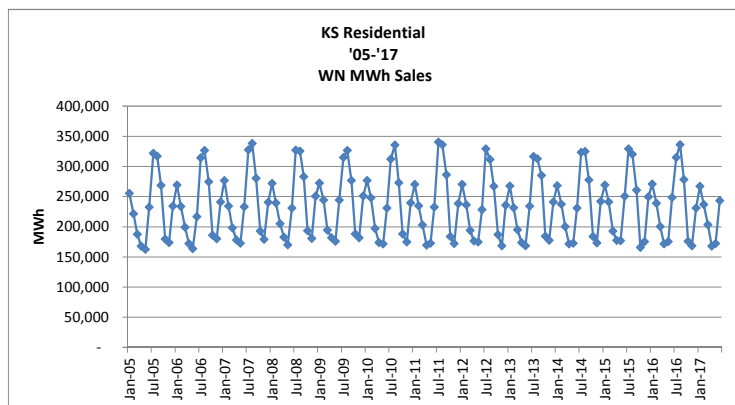
**Small general service has seen a larger increase in customer growth and updated new load shapes contribute to the increase.

Plot 3A1-5 Kansas City Power Light - Kansas Class Customers



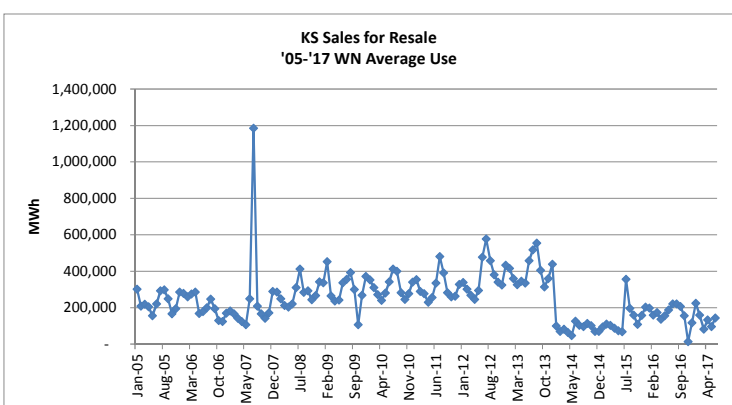
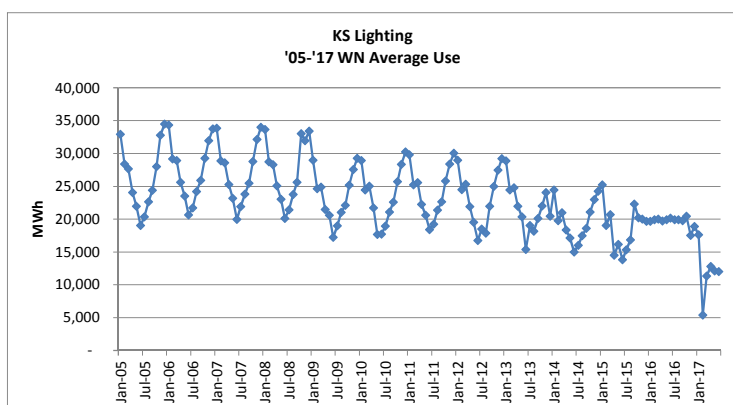
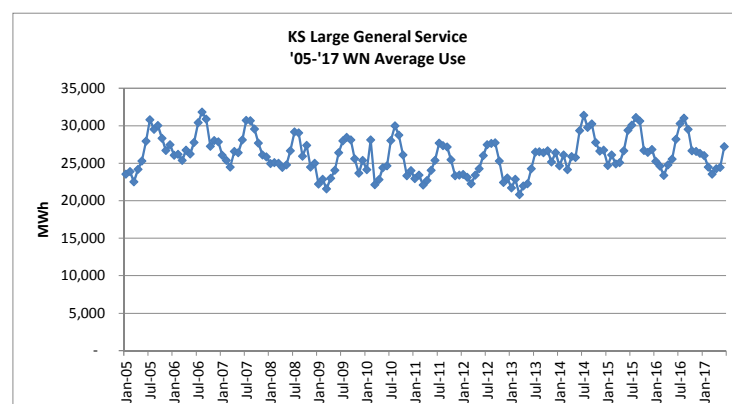
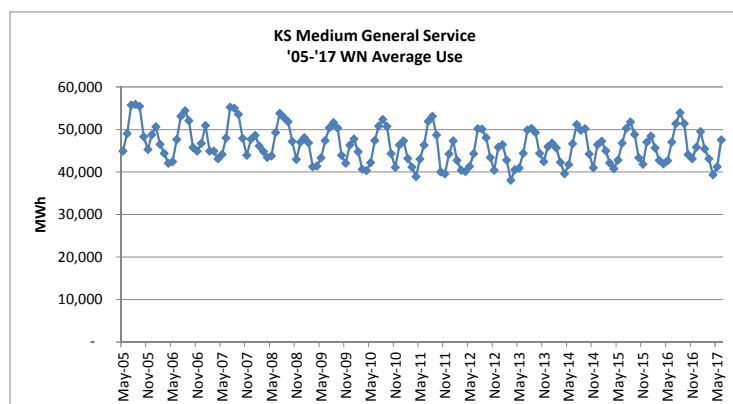
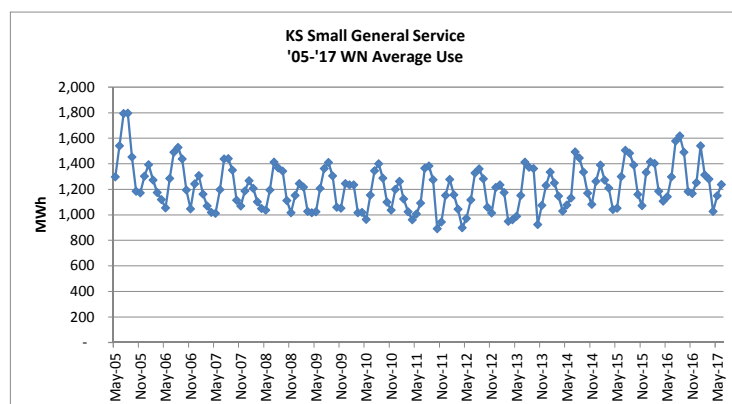
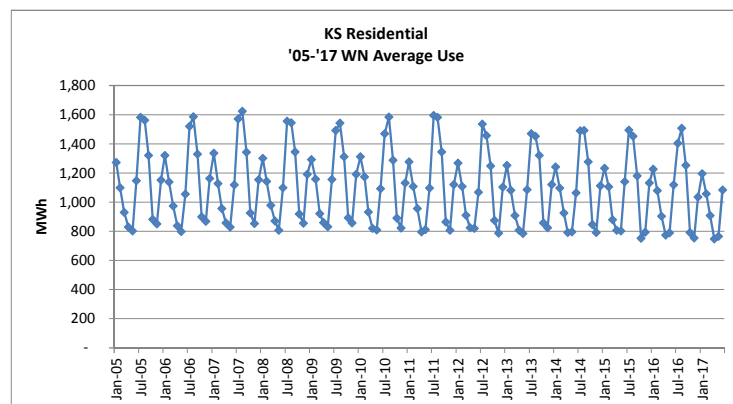
*Increase in large general service and decrease in large power due to customer switching.

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



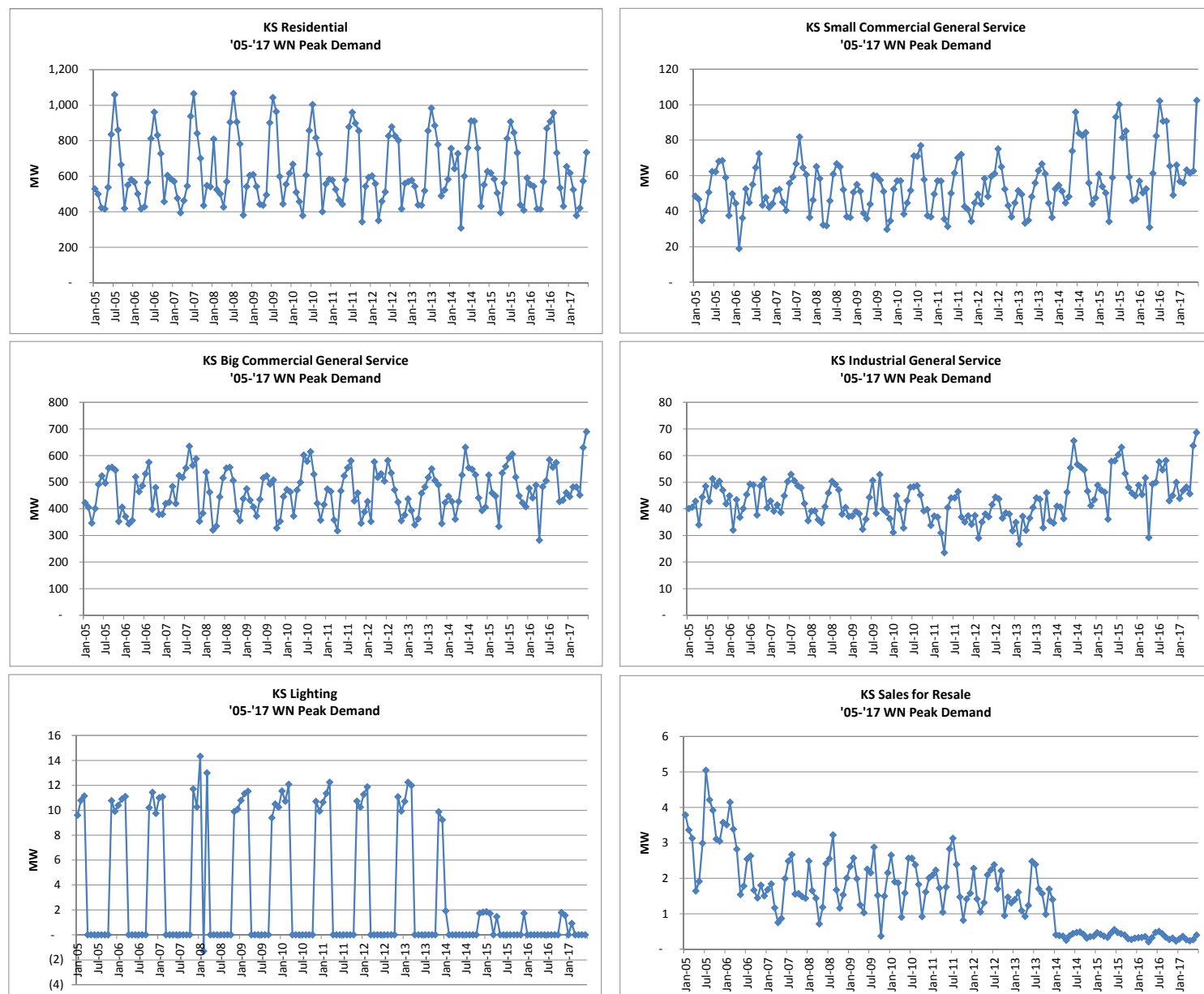
*Increase in large general service and decrease in large power due to customer switching.

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.

**Small general service has seen a larger increase in customer growth and updated new load shapes contribute to the increase.

***Lighting decrease is due to cities purchasing lights from KCP&L