

# Review of Zonal Weather Normalized Historical Energy

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Load Forecasting & Energy Efficiency

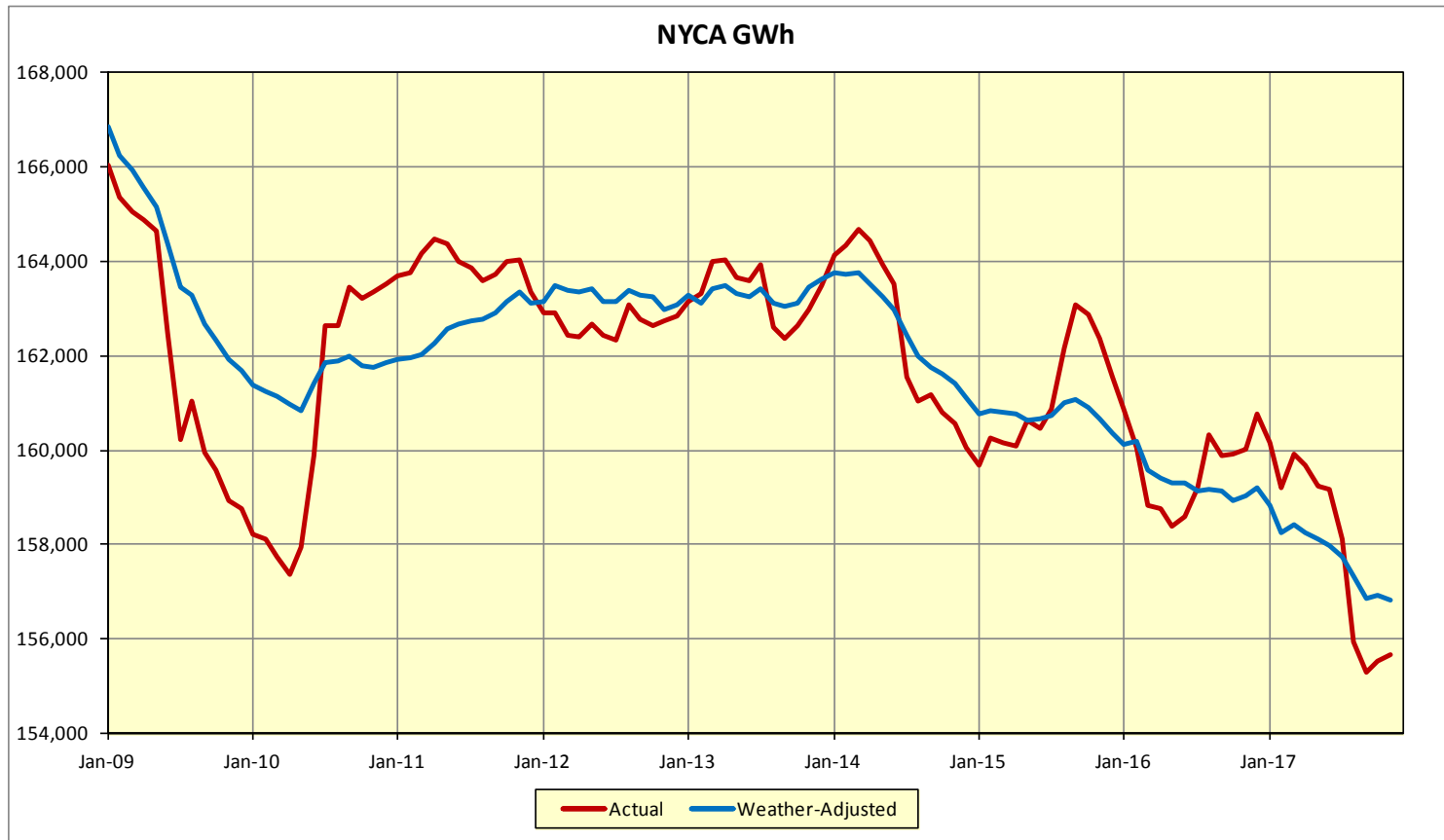
**LFTF - Load Forecasting Task Force**

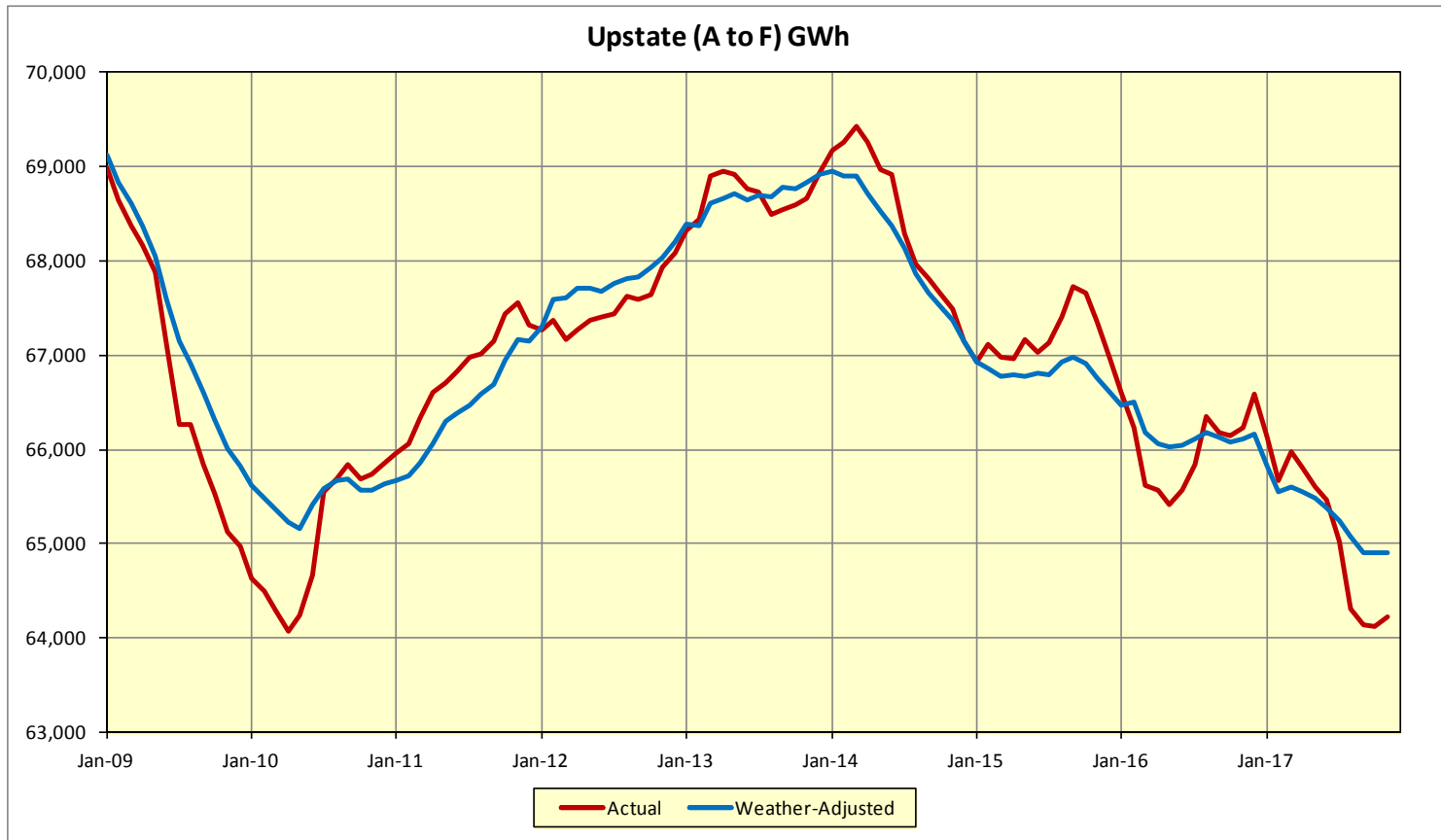
December 14, 2017



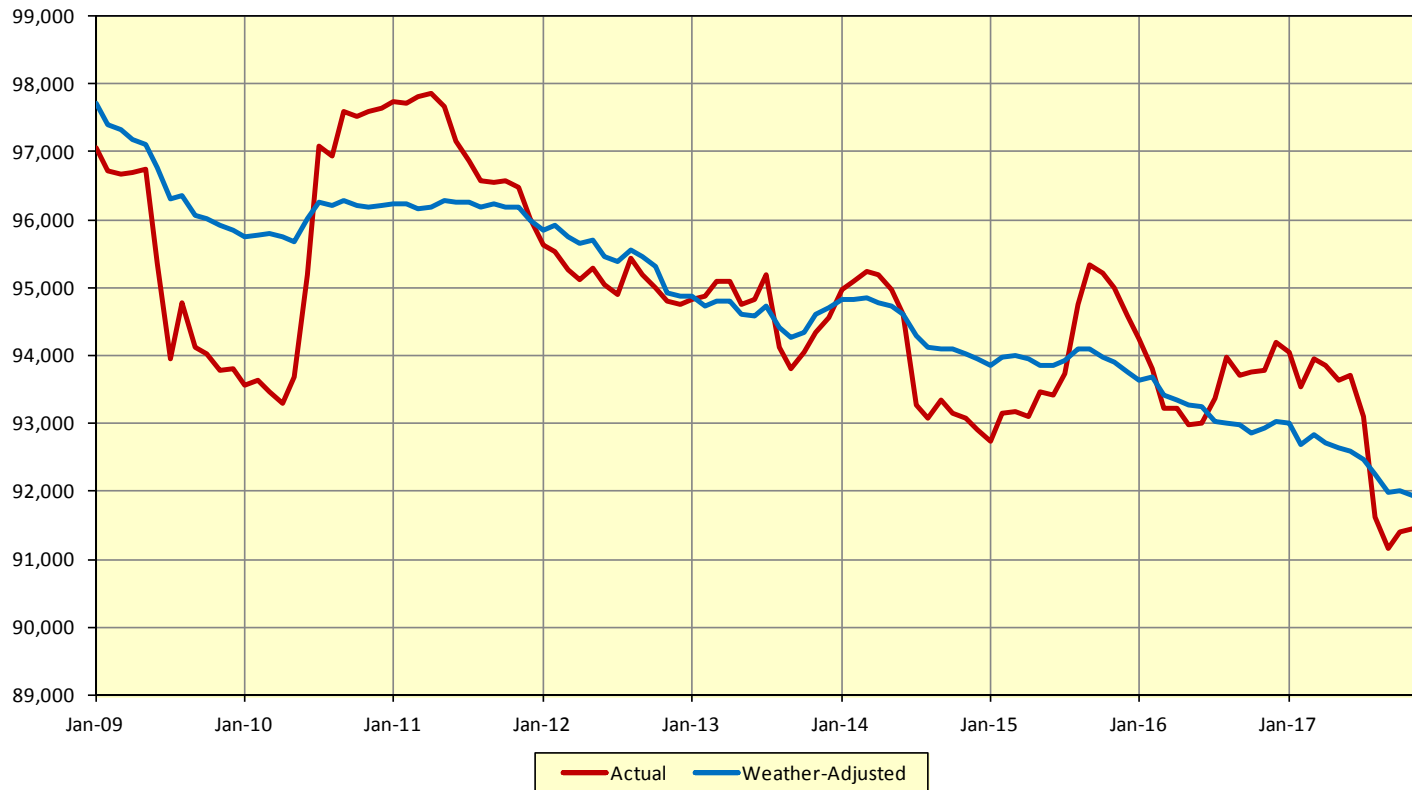
# NYISO Weather Normalization Process

- **Weather normalize daily zonal GWh using rank-normal daily CTHI and HDD.**
- **Models are updated monthly. Models use most recent 12 months of data and include monthly binary terms.**
- **Charts show 12 month moving sum of actual and weather adjusted GWh.**

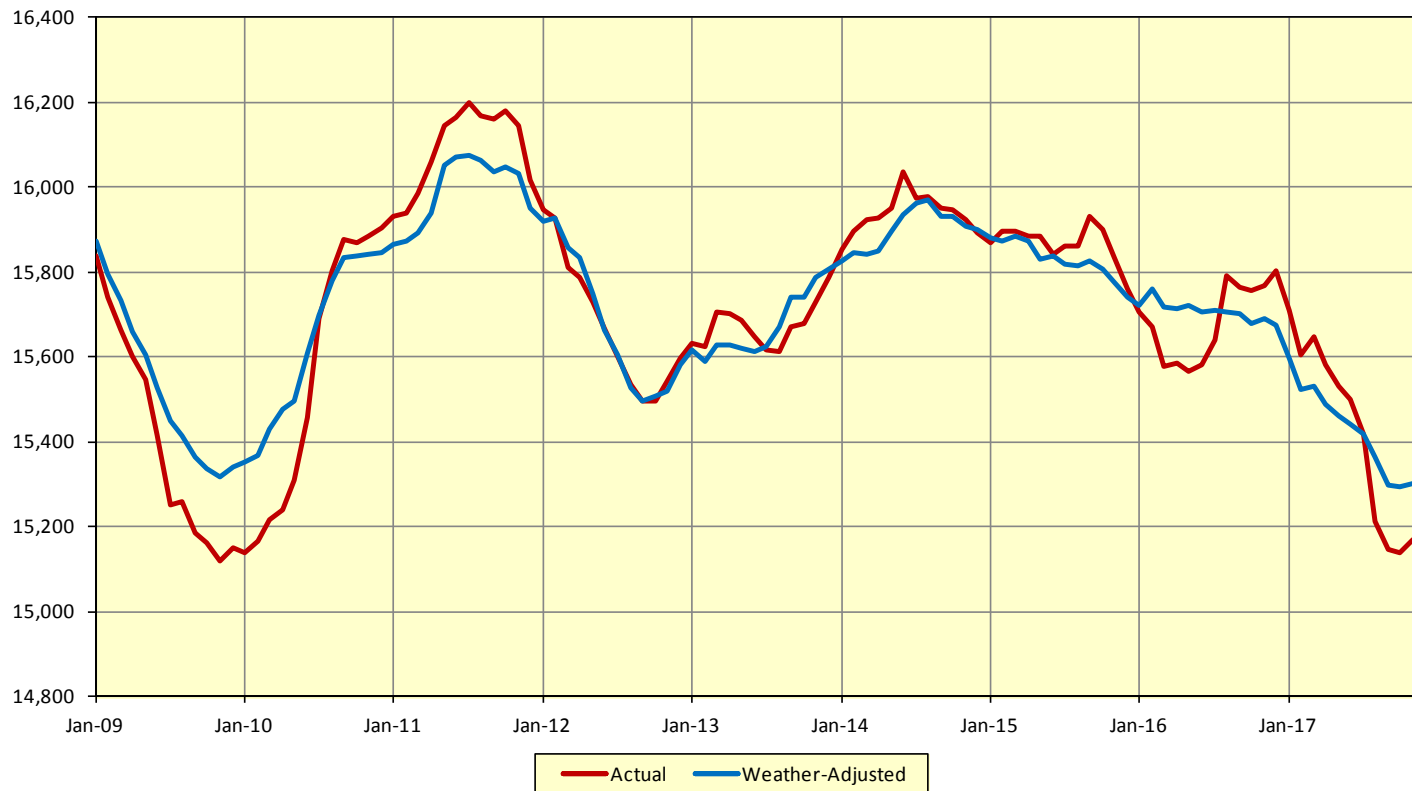


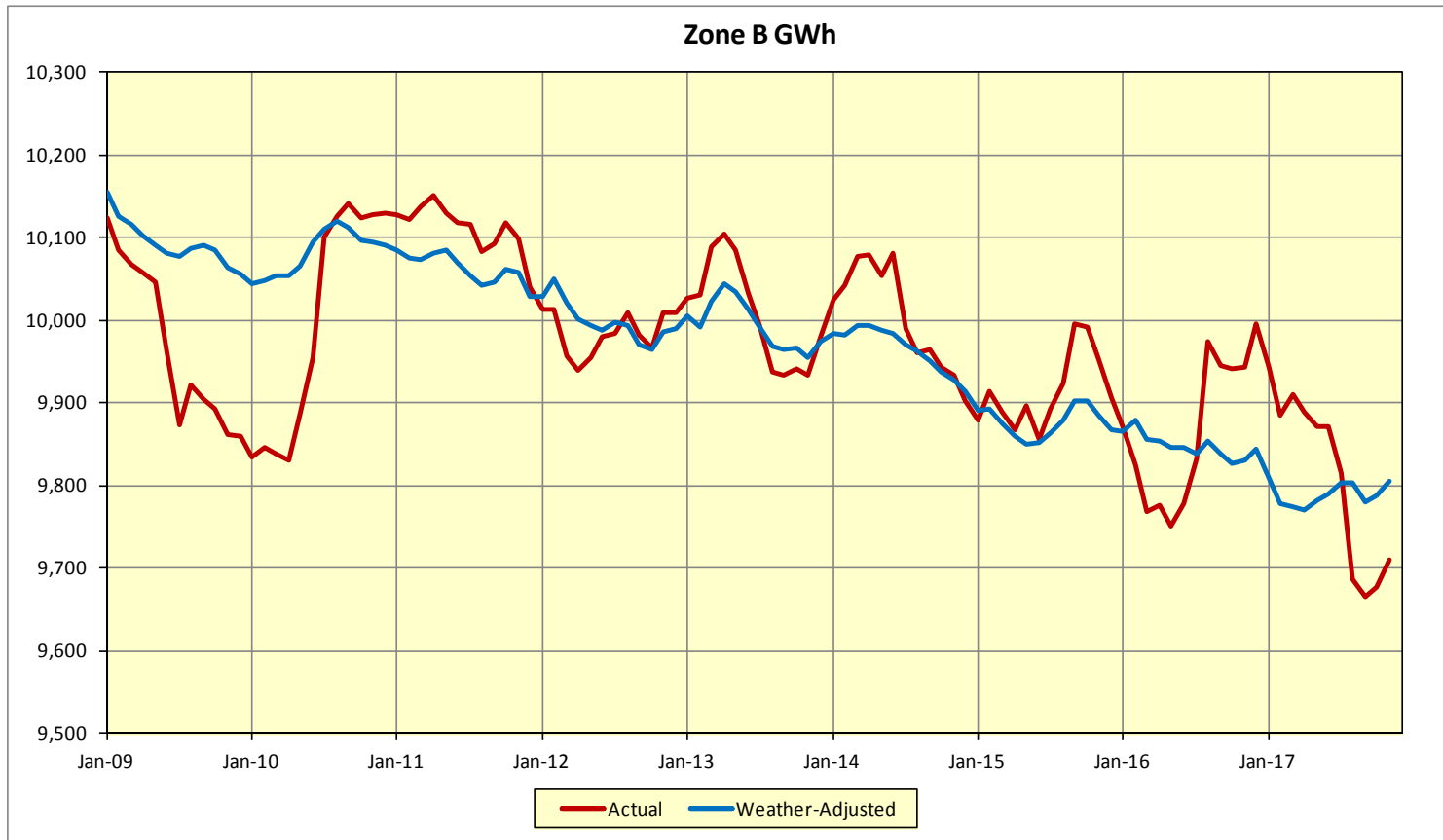


### Downstate (G-K) GWh

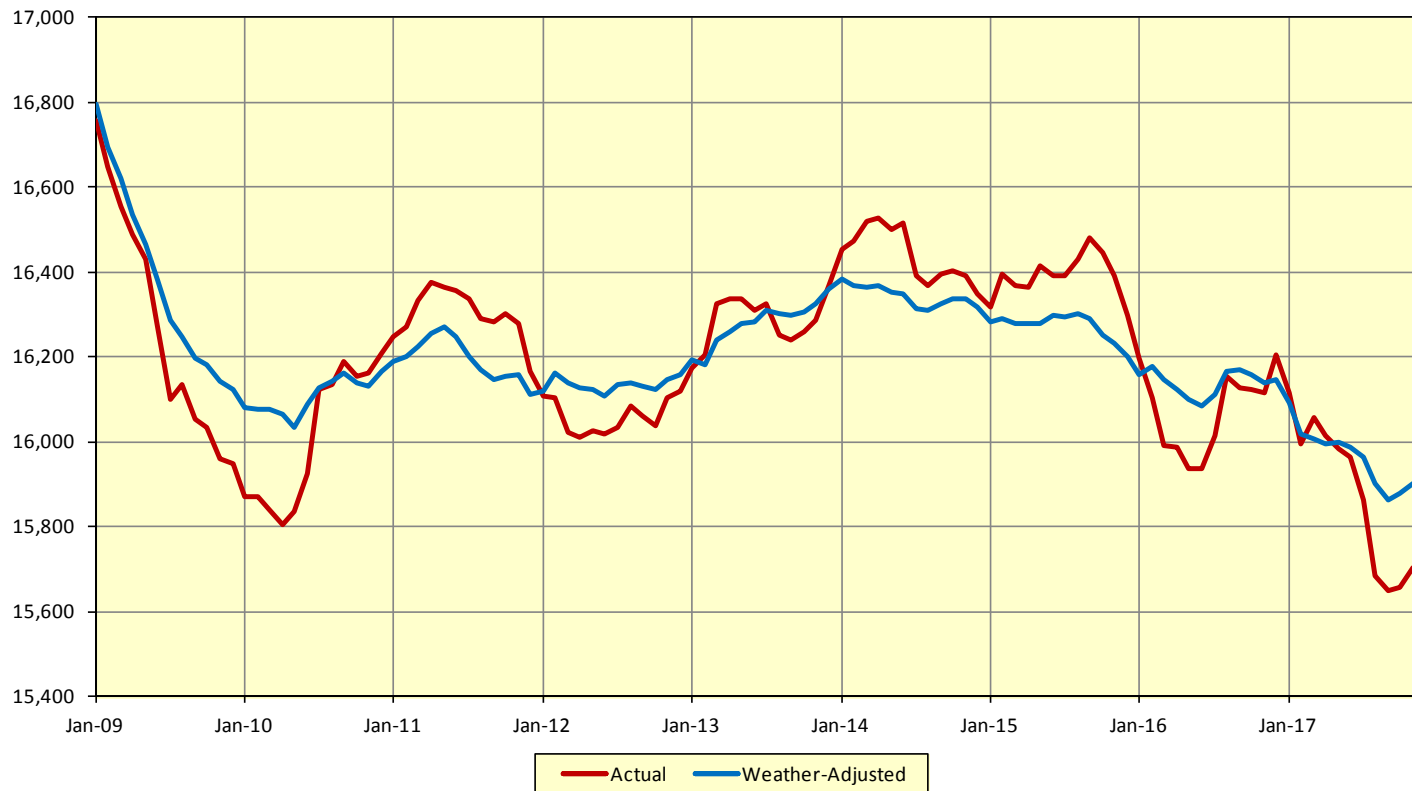


### Zone A GWh



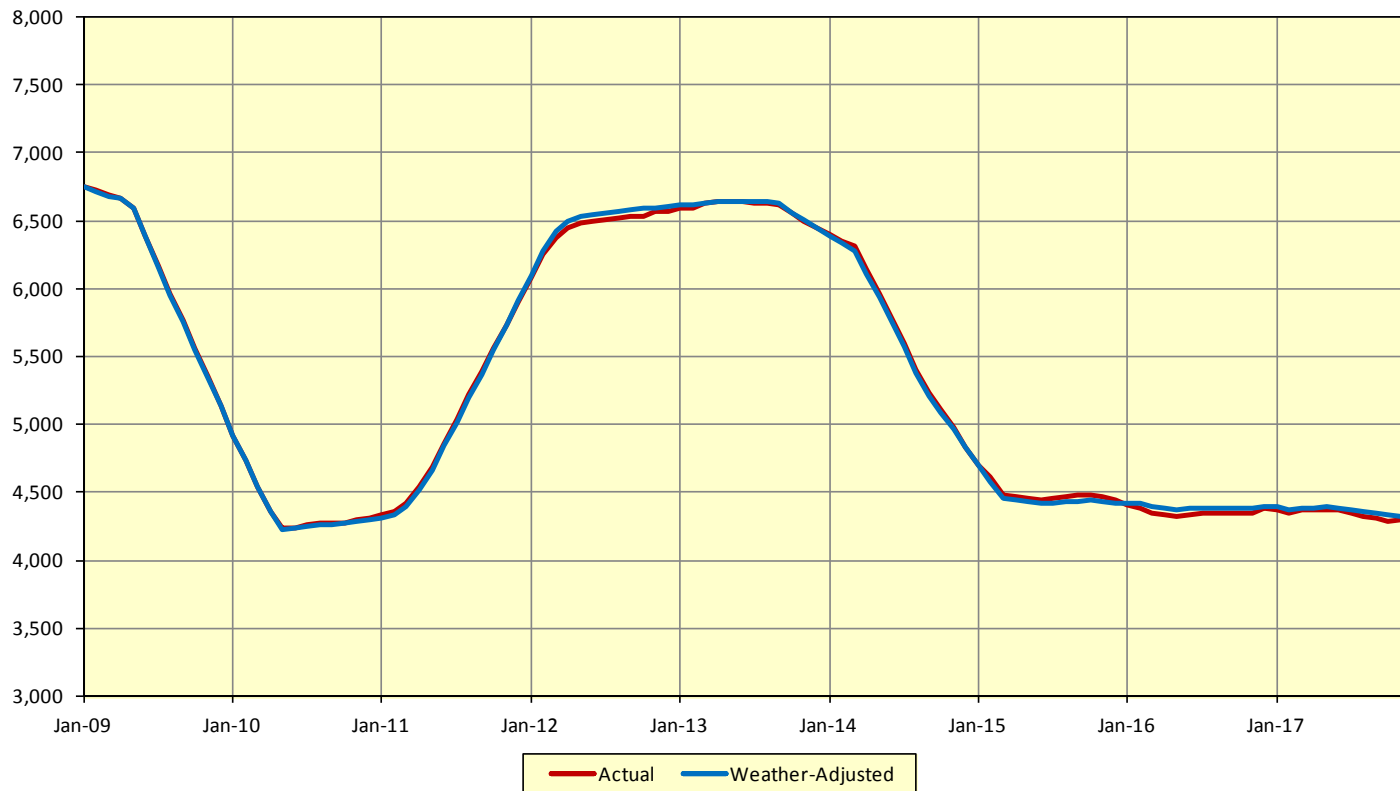


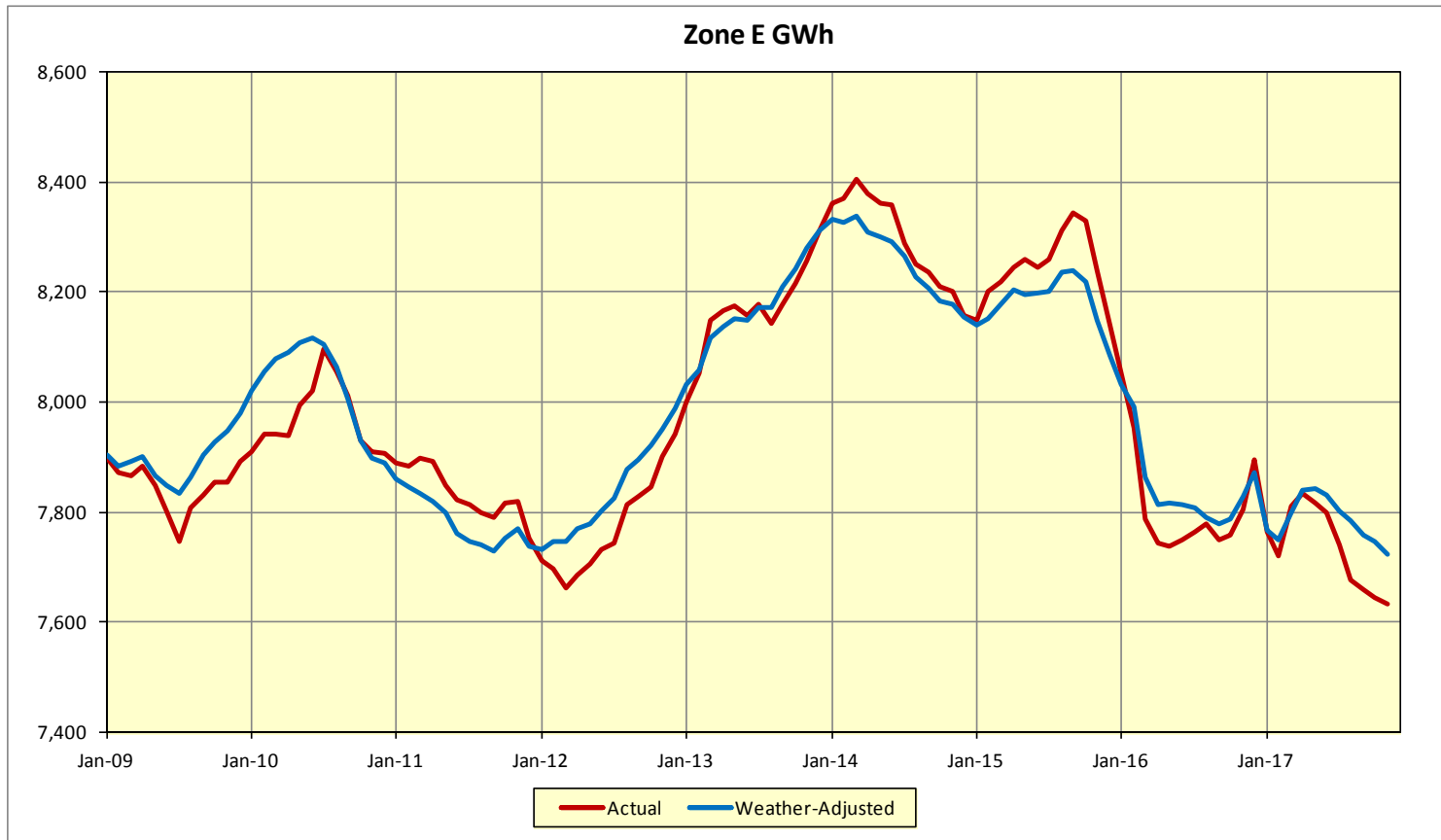
### Zone C GWh

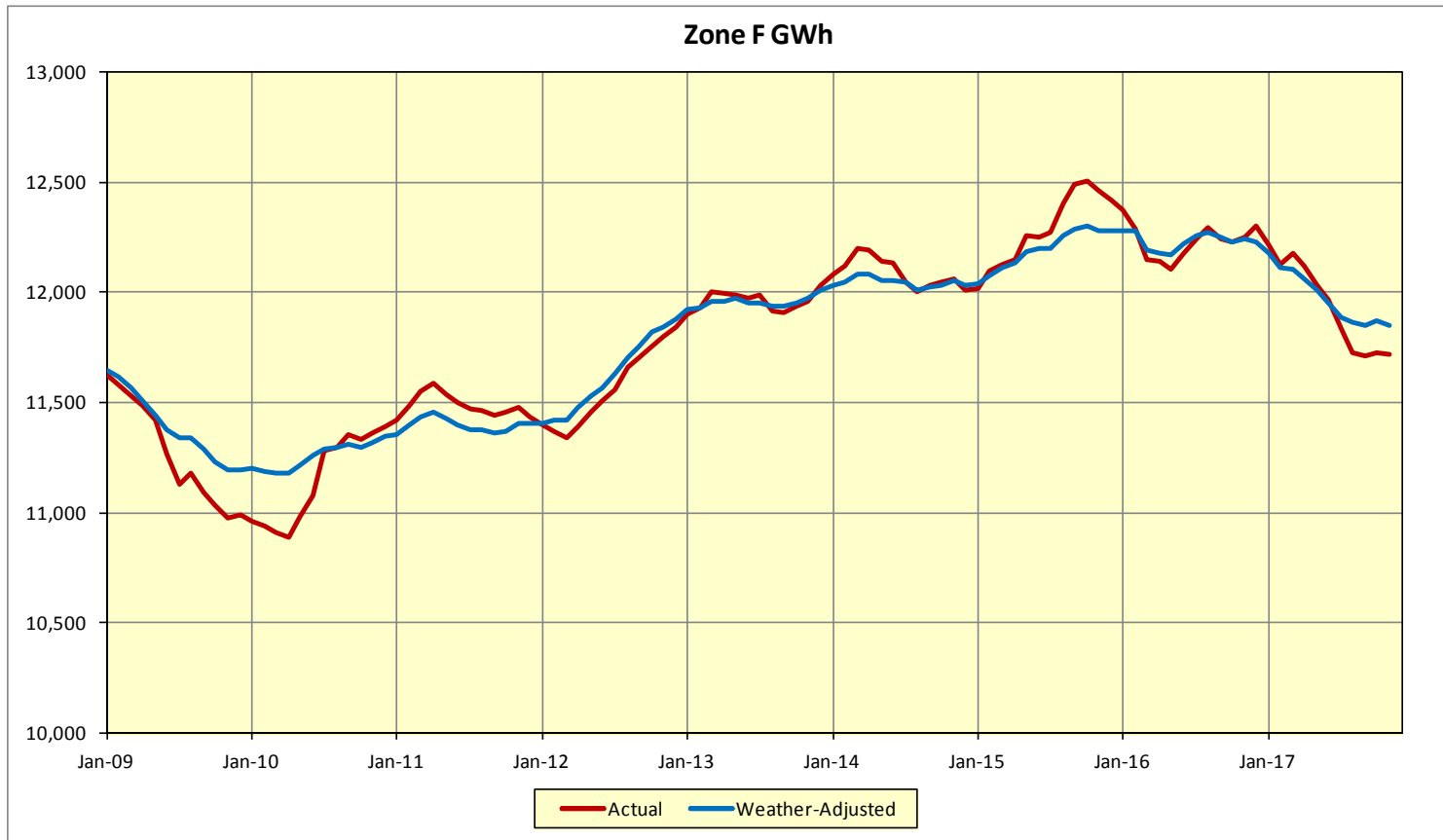




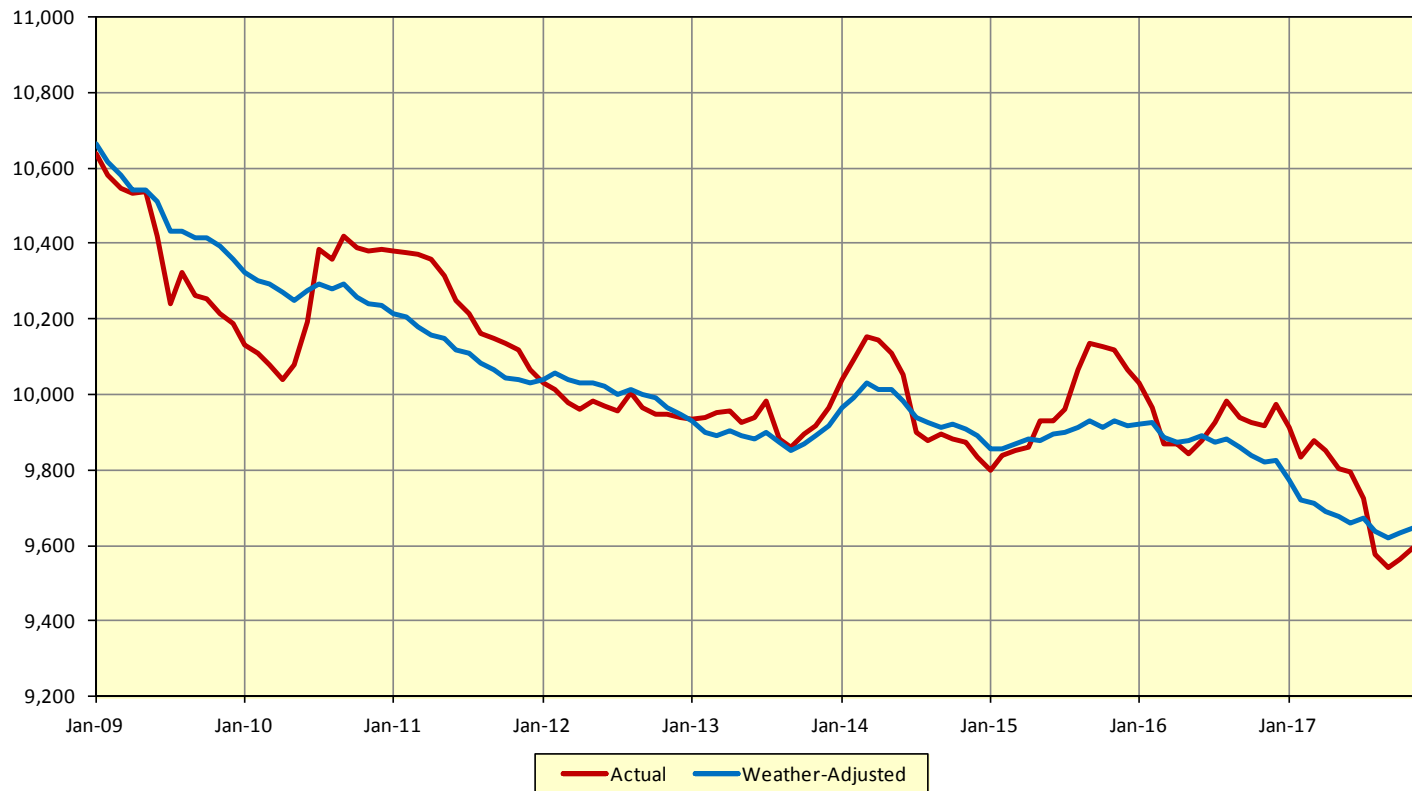
### Zone D GWh

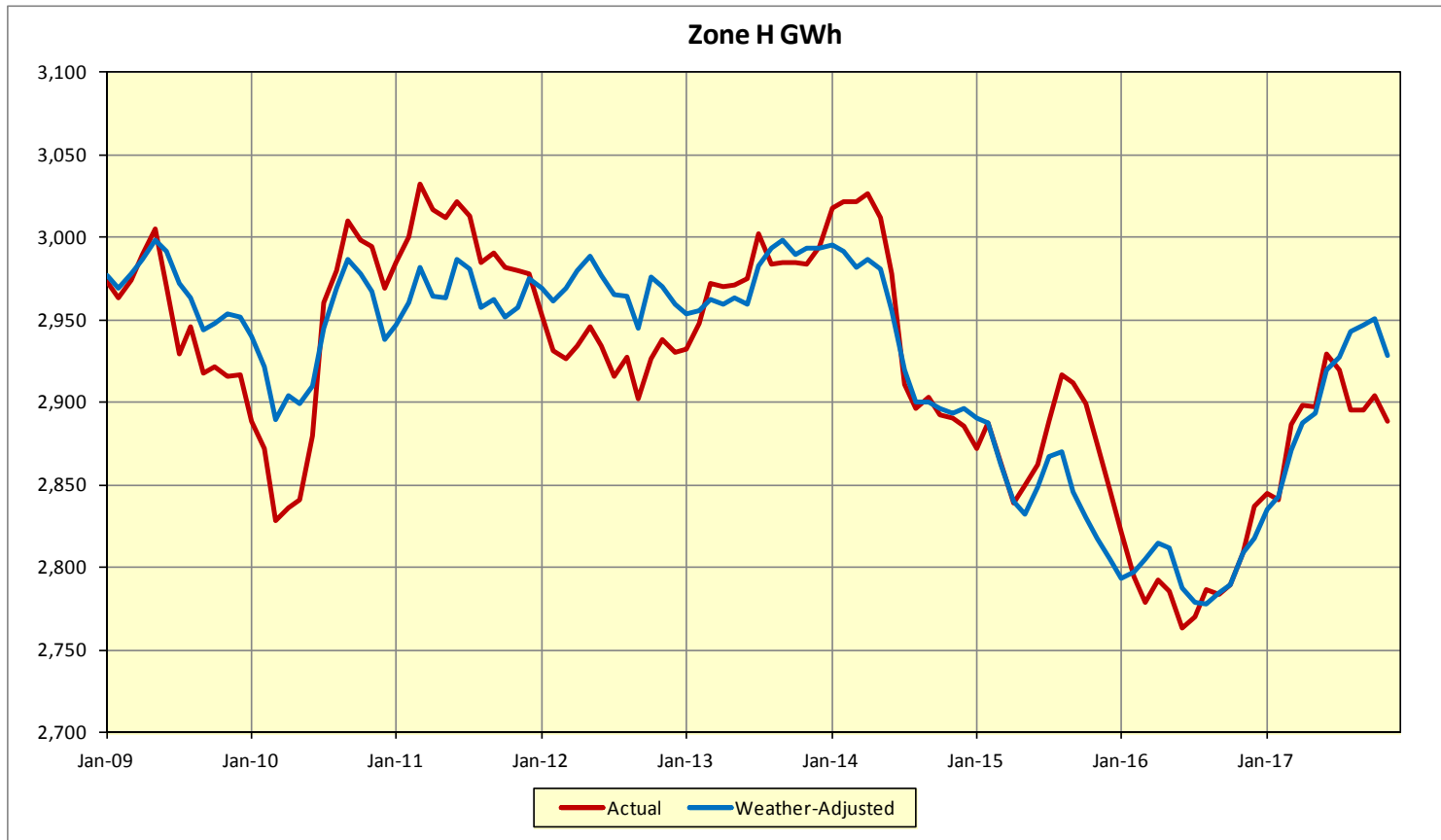




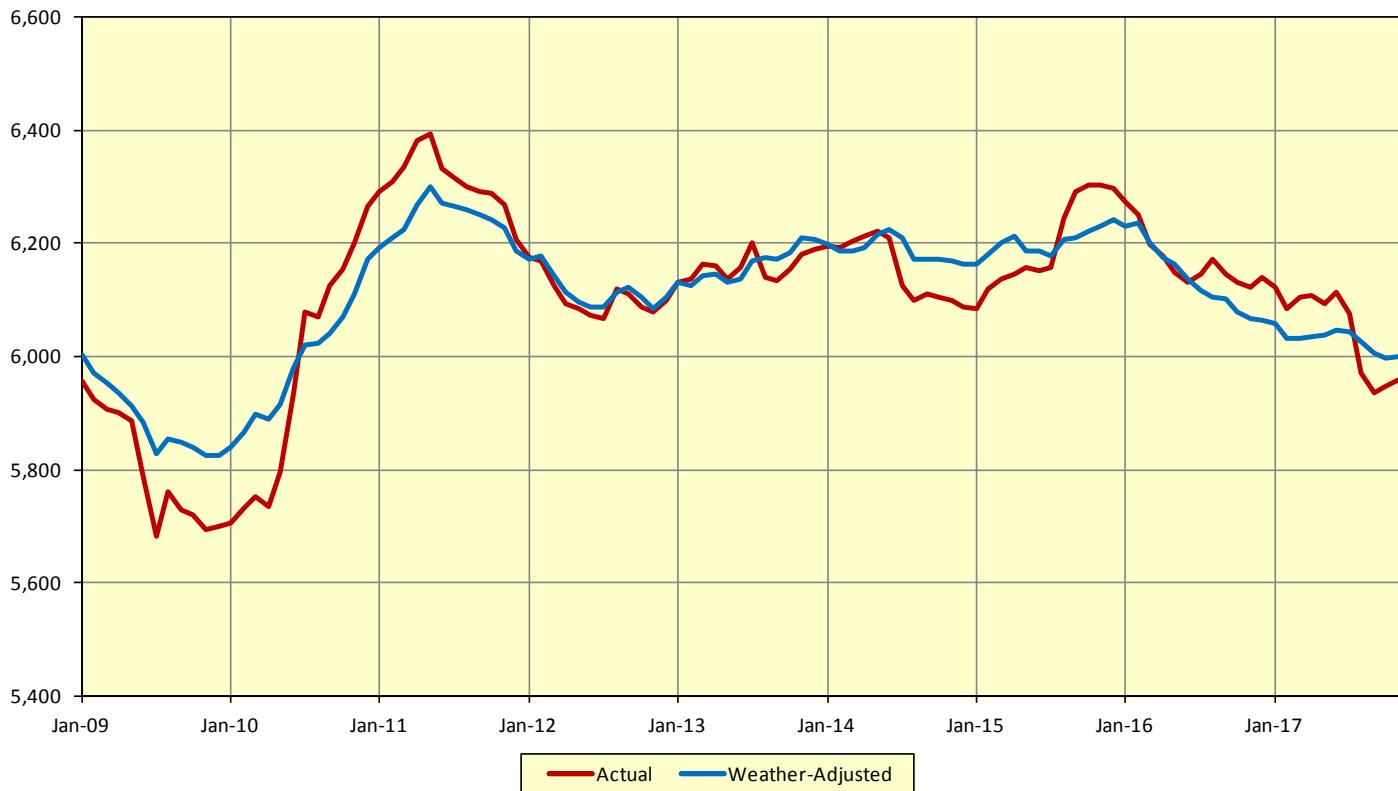


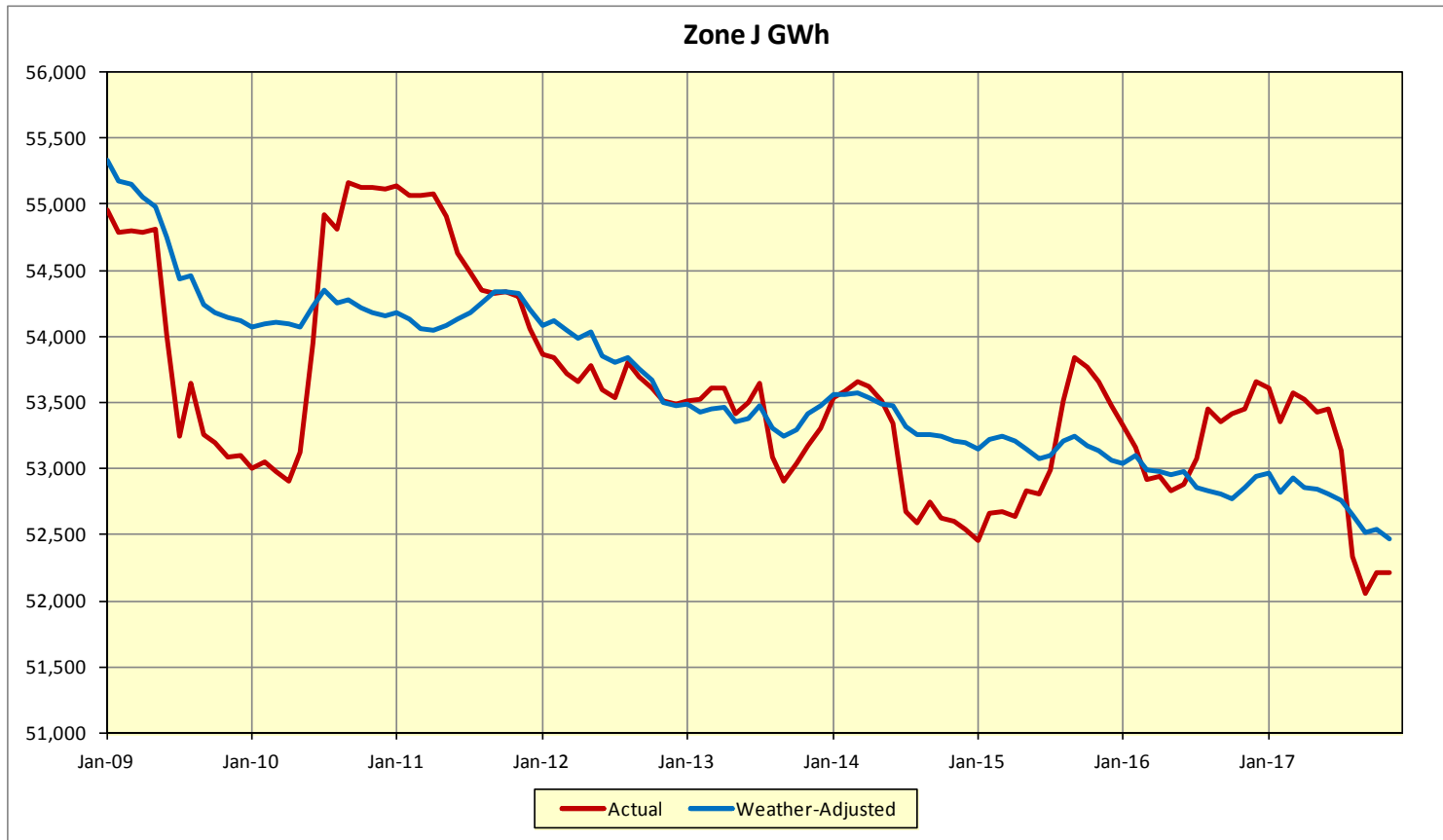
### Zone G GWh

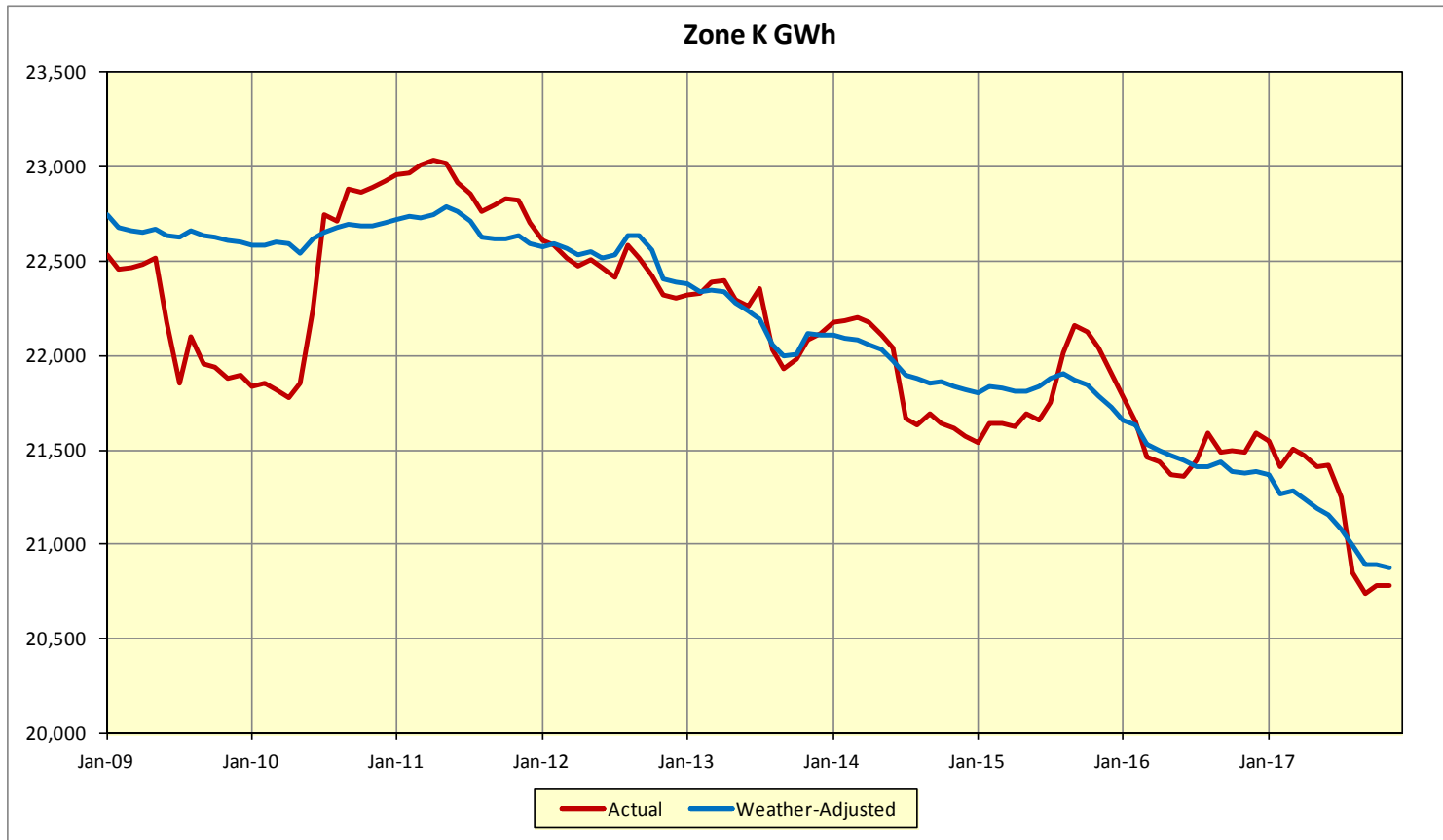




### Zone I GWh



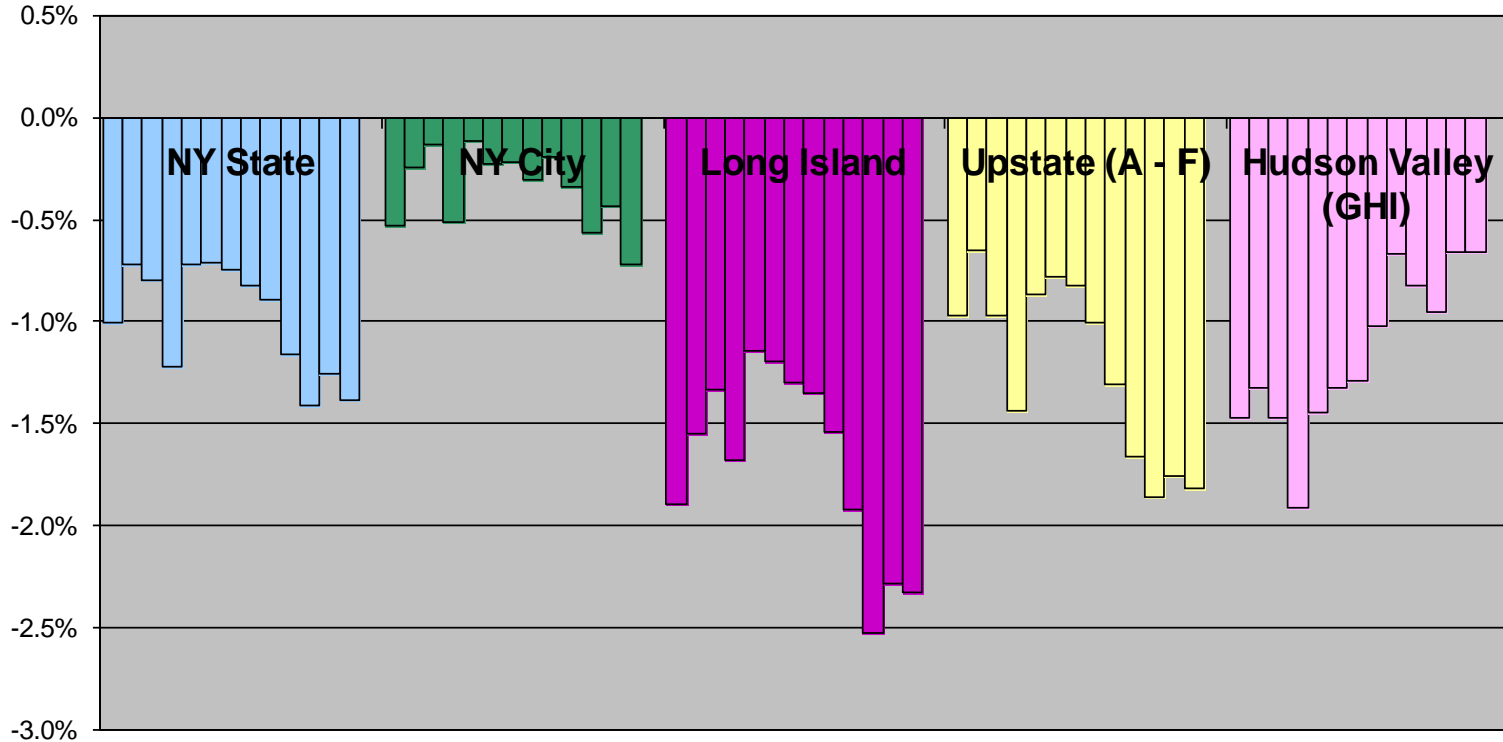






# NYCA Sendout - 12-Month Moving Average Annual Growth Rate

Weather Adjusted Growth, Nov-2016 to Nov-2017



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- Maintaining and enhancing regional reliability
- Operating open, fair and competitive wholesale electricity markets
- Planning the power system for the future
- Providing factual information to policy makers, stakeholders and investors in the power system



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