

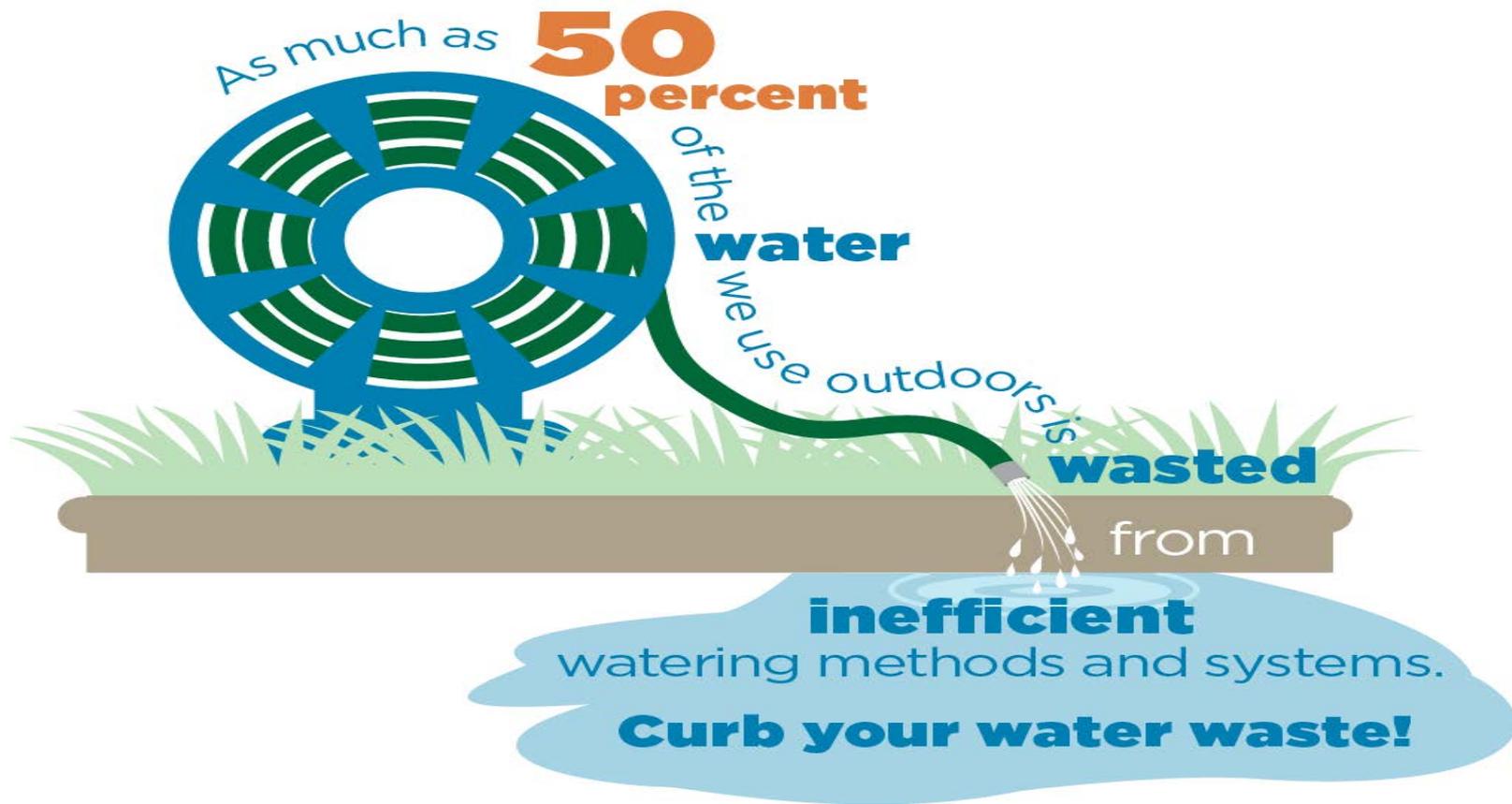
Values



SqueezeEveryDrop.com



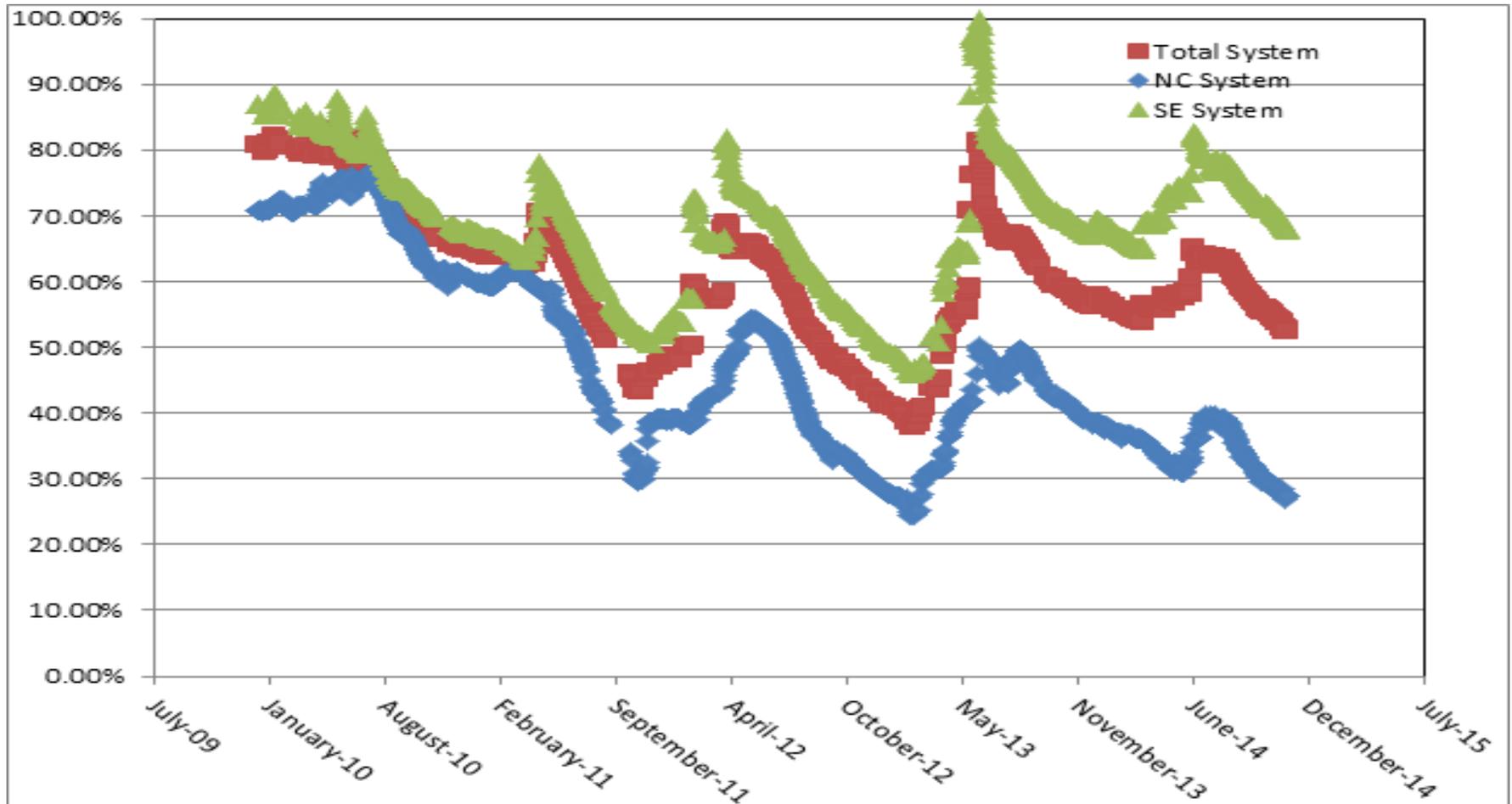
Why water conservation?



Typical poor irrigation installation

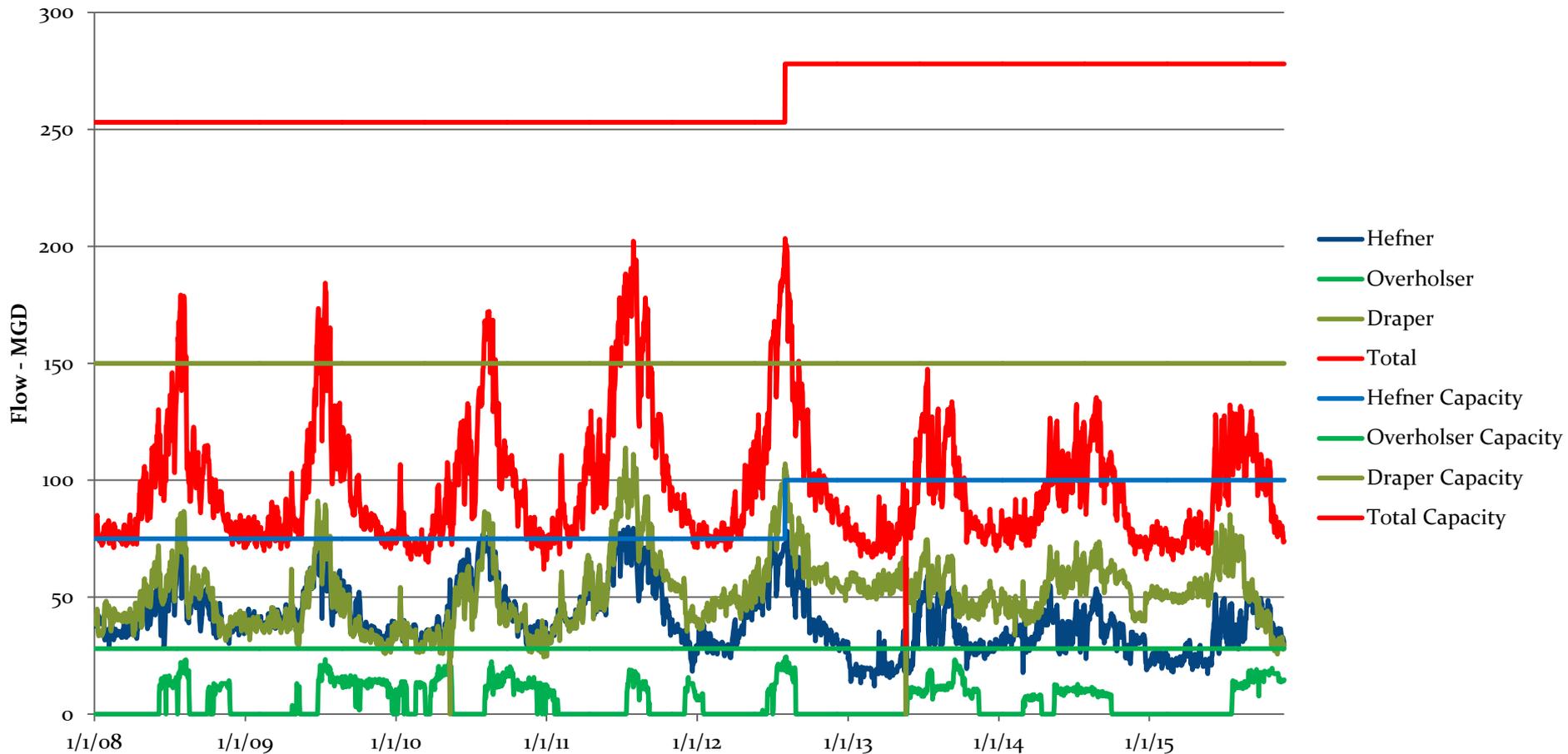


Raw Water Availability



Daily plant capacities vs demand

Water Treatment Plant Daily Flows from 2008 to Present



What have we done so far?

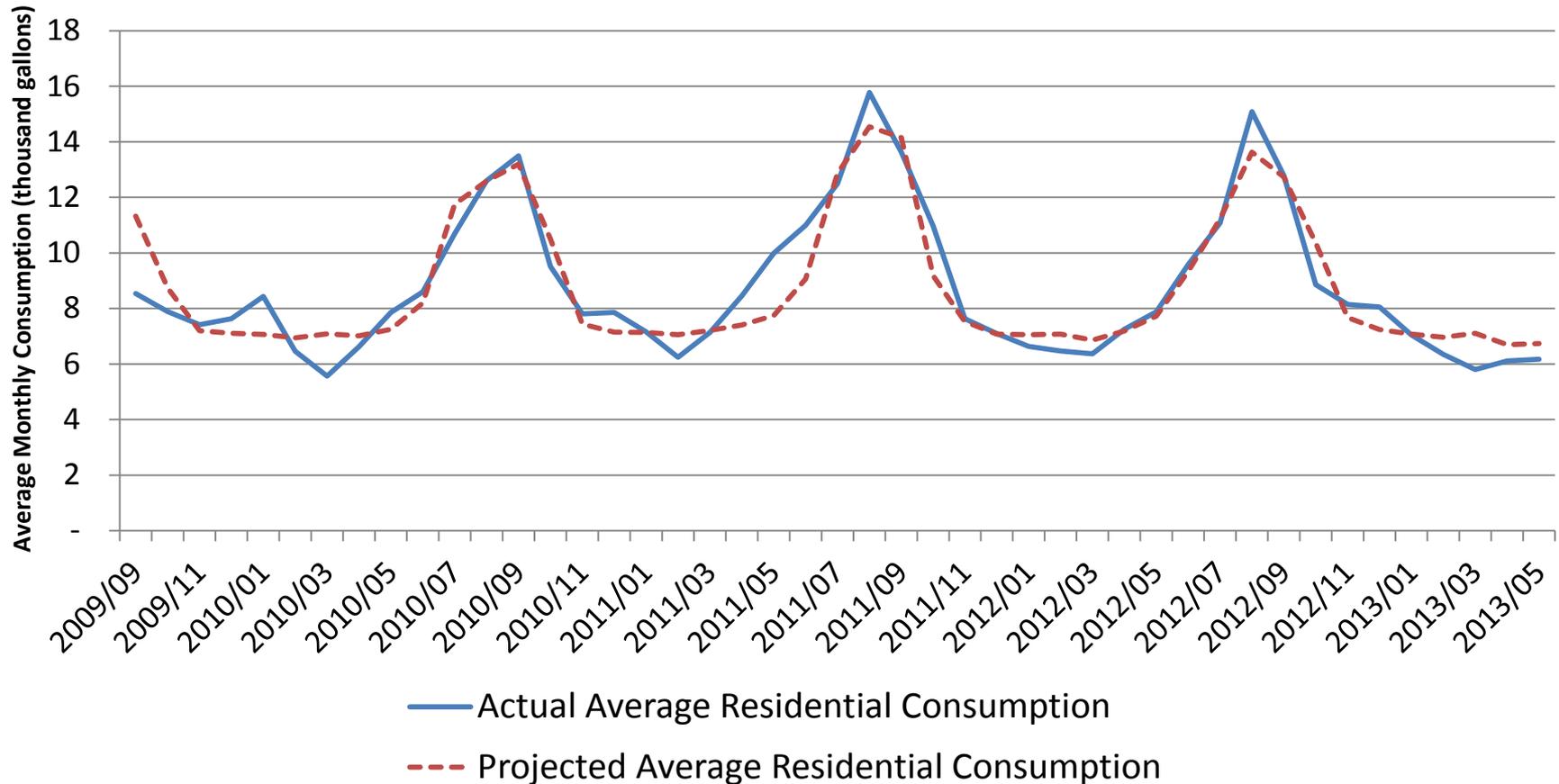
- Partnership with local experts - Oklahoma State
- Developed public educational programs
- Media programming
- Inclining block rate program
- Partnered with other communities we serve
- Implemented drought demand management program
 - 1st phase odd/even watering at a minimum
- Enforcement
- Assisted OSU in getting 4 Xeriscape Demonstration Gardens constructed for continuing education

Have we reduced water use?

- Statistical analysis of water consumption affected by weather
- Two weather factors directly affect water consumption
 - Cooling degree days (CDD)
 - Number of degrees that a day's average temperature is above 65°F
 - Air conditioning use
 - Precipitation

Actual vs. Projected

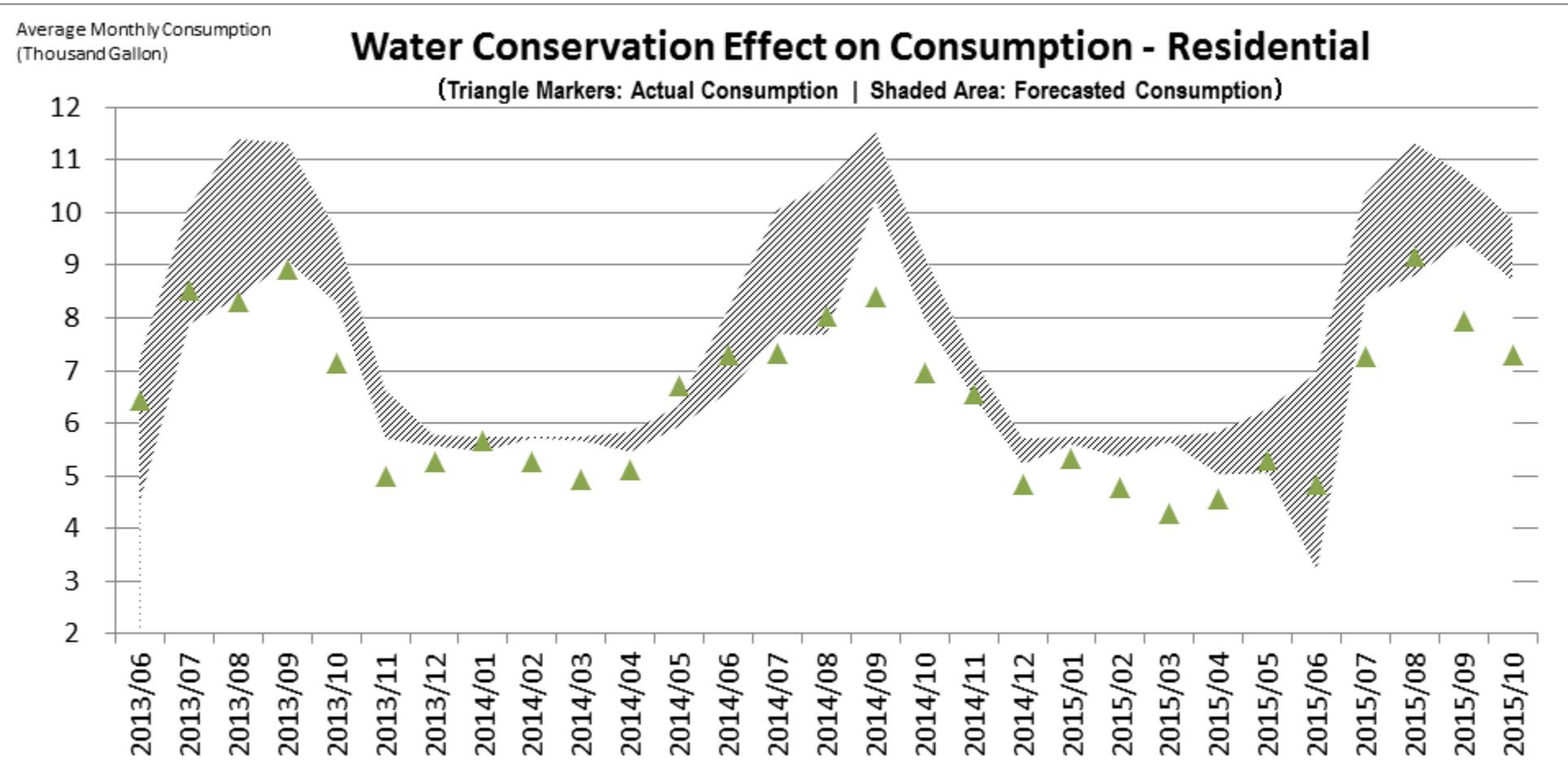
Actual Consumption VS Projected Consumption before Conservation



Projected Consumption = 5.74 + 0.01 * CDD - 0.12 * Precipitation

Consumption has reduced

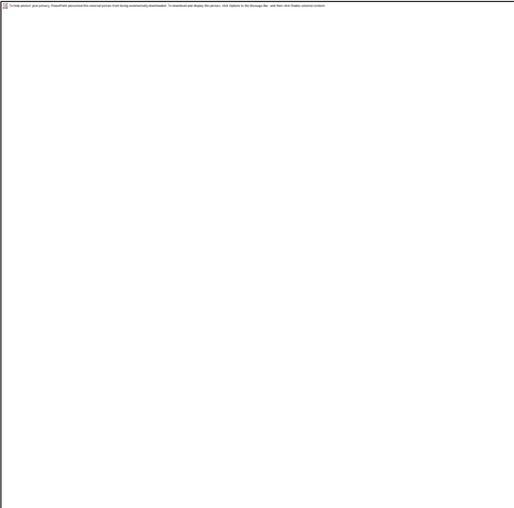
Comparison of residential water use after May 2013



Conservation results

- Winter period average decrease:
 - 5,450 gallons in 2013
 - 5,200 gallons in 2014
 - 4,700 gallons in 2015
- Consumptions lower than projections
- Shift in water usage after conservation program began
- Continuing partnership with OSU to expand customer benefits





Values



SqueezeEveryDrop.com

