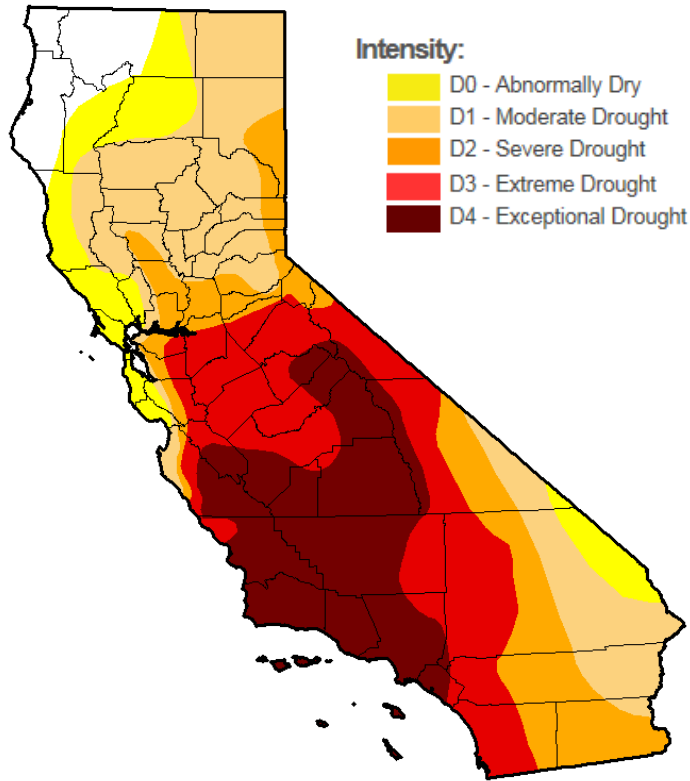# DROUGHT RESPONSE UPDATE

Citizen's Advisory Committee Board Meeting

July 13, 2016

STATEWIDE AND REGIONAL ACTIONS

Intensity:
- D0 - Abnormally Dry
- D1 - Moderate Drought
- D2 - Severe Drought
- D3 - Extreme Drought
- D4 - Exceptional Drought

- January 2014: Gov. Brown issues call to action

- May 2015 Mandatory Reduction Targets

- November 2015: Extension through October 2016

- May 9: Executive Order for Long Term Framework

- May 18: SWRCB adjust targets and looks to local action (through January 2017)

- MWD reduces Drought Stage

- January 2017: Permanent Regulation released

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SELF-CERTIFICATION APPROACH

- State Method:

Compare 2013/2014 Demands against 3-year outlook

- Our approach:

Compare 2013/2014 demand against efficient use

- Maintains consistency with long term framework

REGIONAL RESPONSE

- Coordination with suppliers for self-certification
  - Local and regional

- State coordination with ACWA and other agencies in messaging

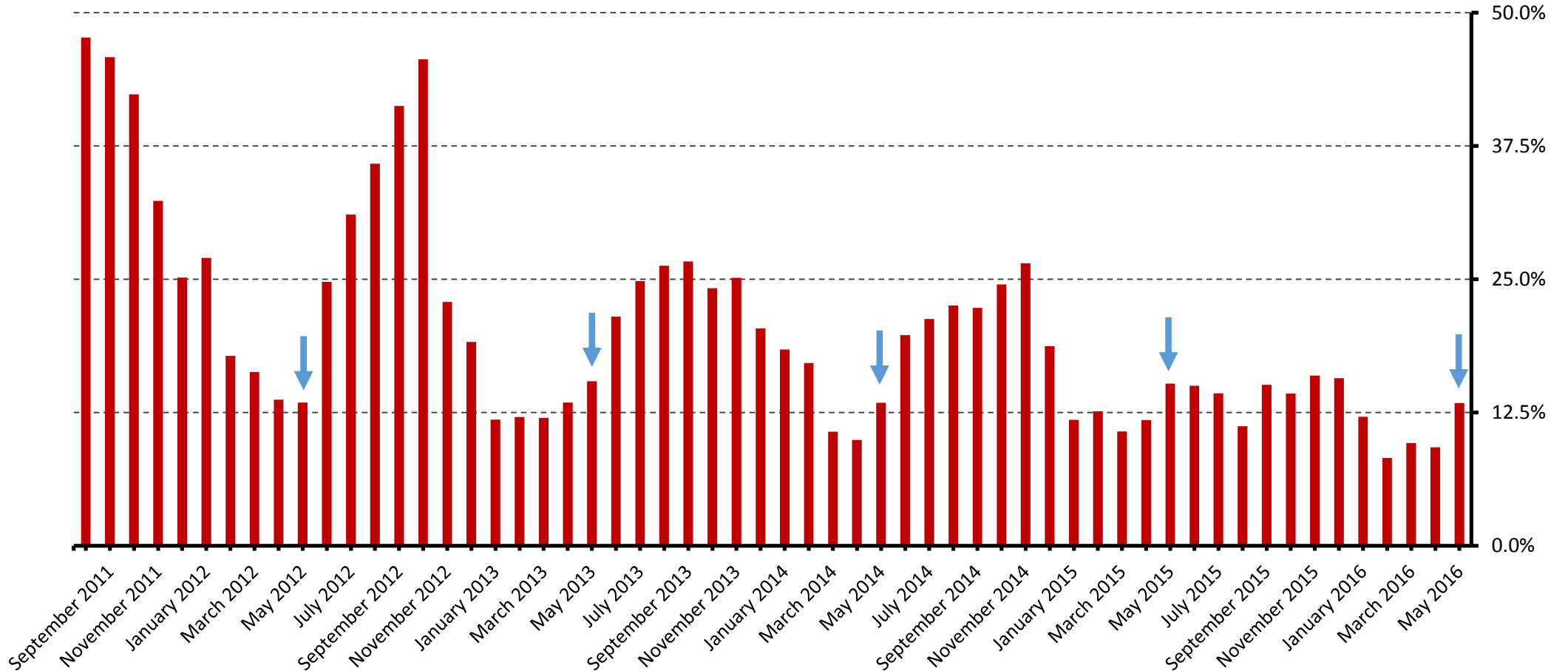 "Not about using less; its about wasting less"

- Customer response & success

POTABLE WATER USAGE BY TIER

90 to 95% of all water used efficiently

ccf

1 ccf = 748 gallons

Tier 1 ■ Tier 2 ■ Tier 3 ■ Tier 4 ■ Tier 5
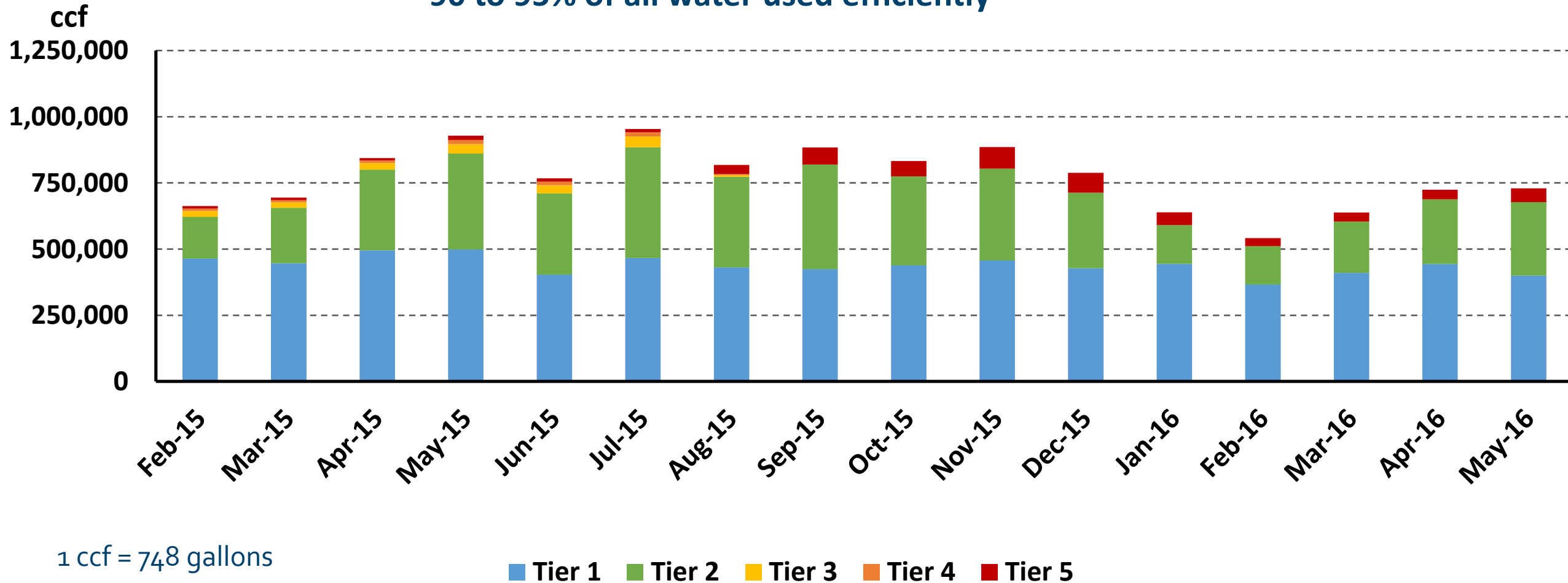
BILLS OVER-BUDGET

Approximately 90% of customers not impacted by penalties

TOTAL TURF REMOVED

Square Feet

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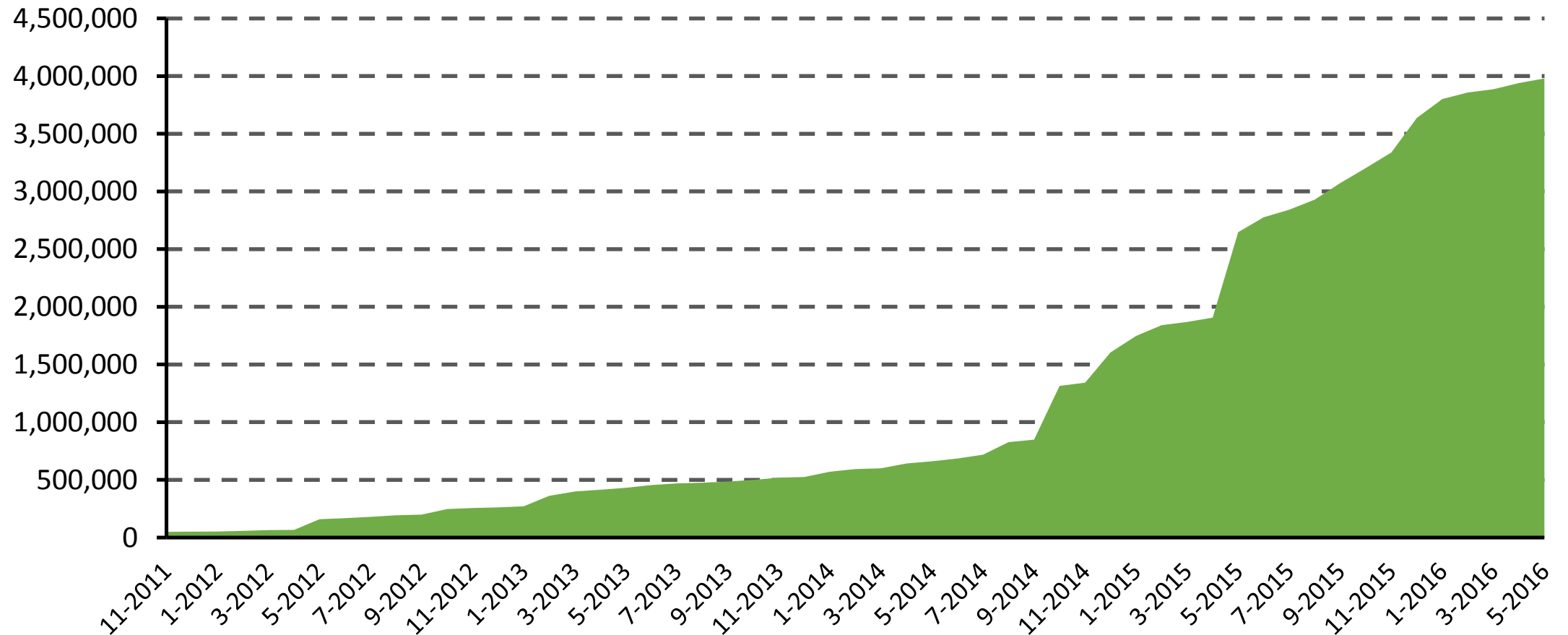
CUSTOMER COMMUNICATIONS

- Website redesign

- Newspaper Ads

- Targeted Emails

- Facebook Ads

- Monthly Newsletter

MOVING FORWARD

- Continue WSCP Stage 2

- Maintain Consistency
  - Confusing to change
  - Upcoming long term efficiency standards
  - Messaging focused on reducing waste

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ADVANCED METER INFRASTRUCTURE PILOT

Citizens Advisory Committee

July 13, 2016

WHAT IS AMI?

- Radio-based "smart meter" system
- Allows meters to be read remotely and more frequently
- Provides near-real time usage information
- Identifies leaks and reduces water loss
- Already used by many customers through electric utility
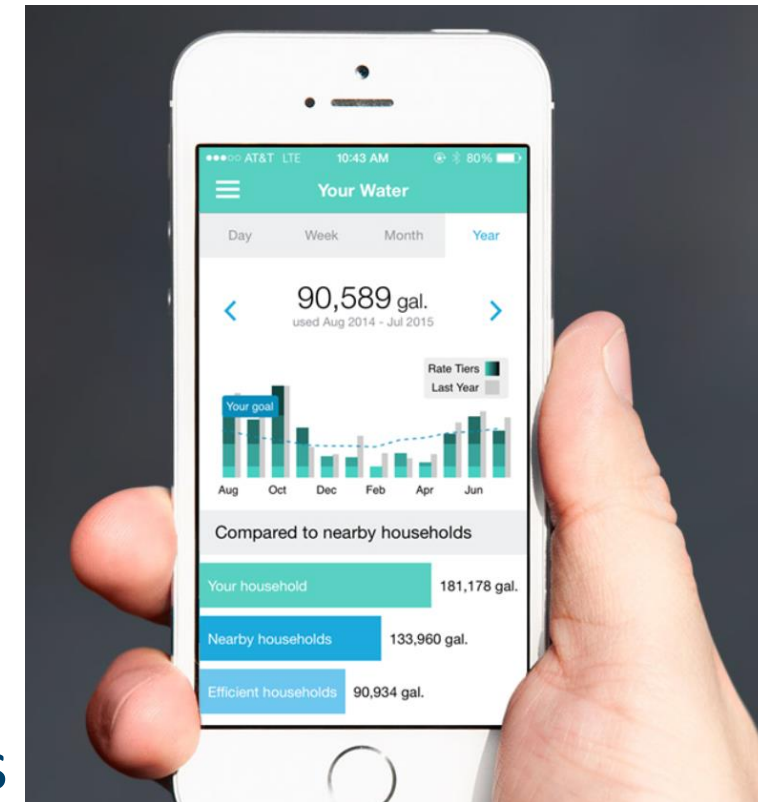
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AMI PROJECT COMPONENTS

- Meter transmitter (Ex: radio)

- Collectors (Antenna)

- Software (manage data)

- Computer Server (store data)

- Customer Portal (Website)
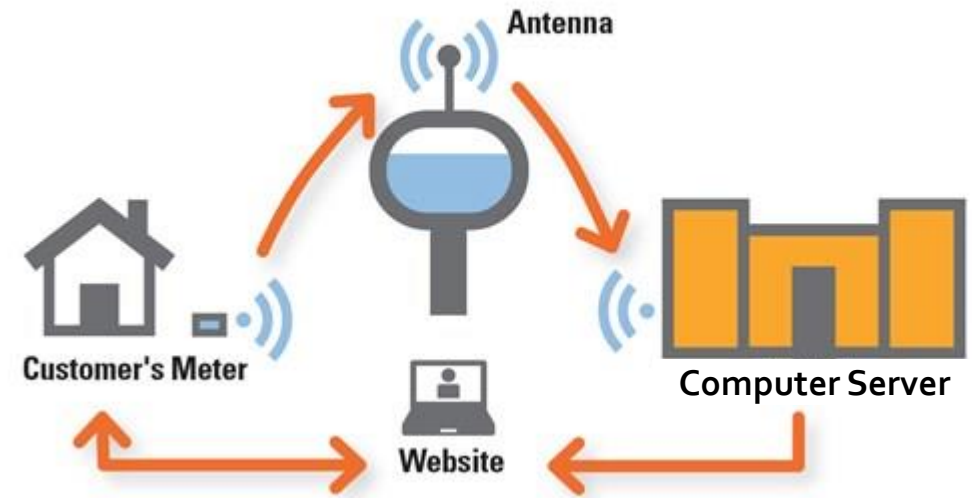
AMI BACKGROUND

- Near Real-time water usage data

- Pilot targeted to largest users

- Operational efficiency through data analytics

- Access to more data to make informed decisions

MNWD AMI PROJECT STATUS

- All project components approved

- 5 of 7 collectors installed

- Go-Live ETA end of 2016