

PG&E-EBMUD WATER- ENERGY AMI PROJECT

AWWA Cal-Neva Conference

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Together, Building
a Better California

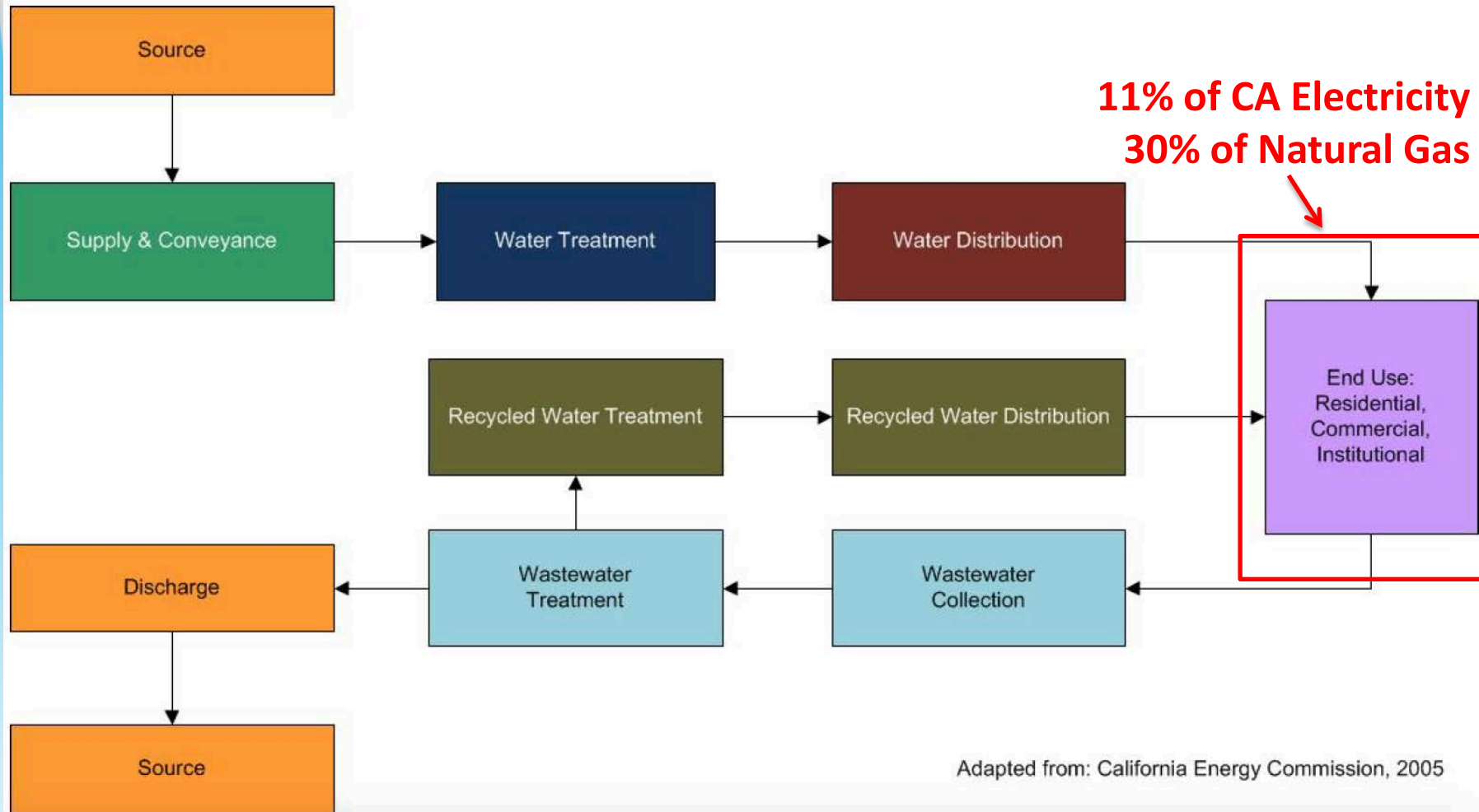


Summary

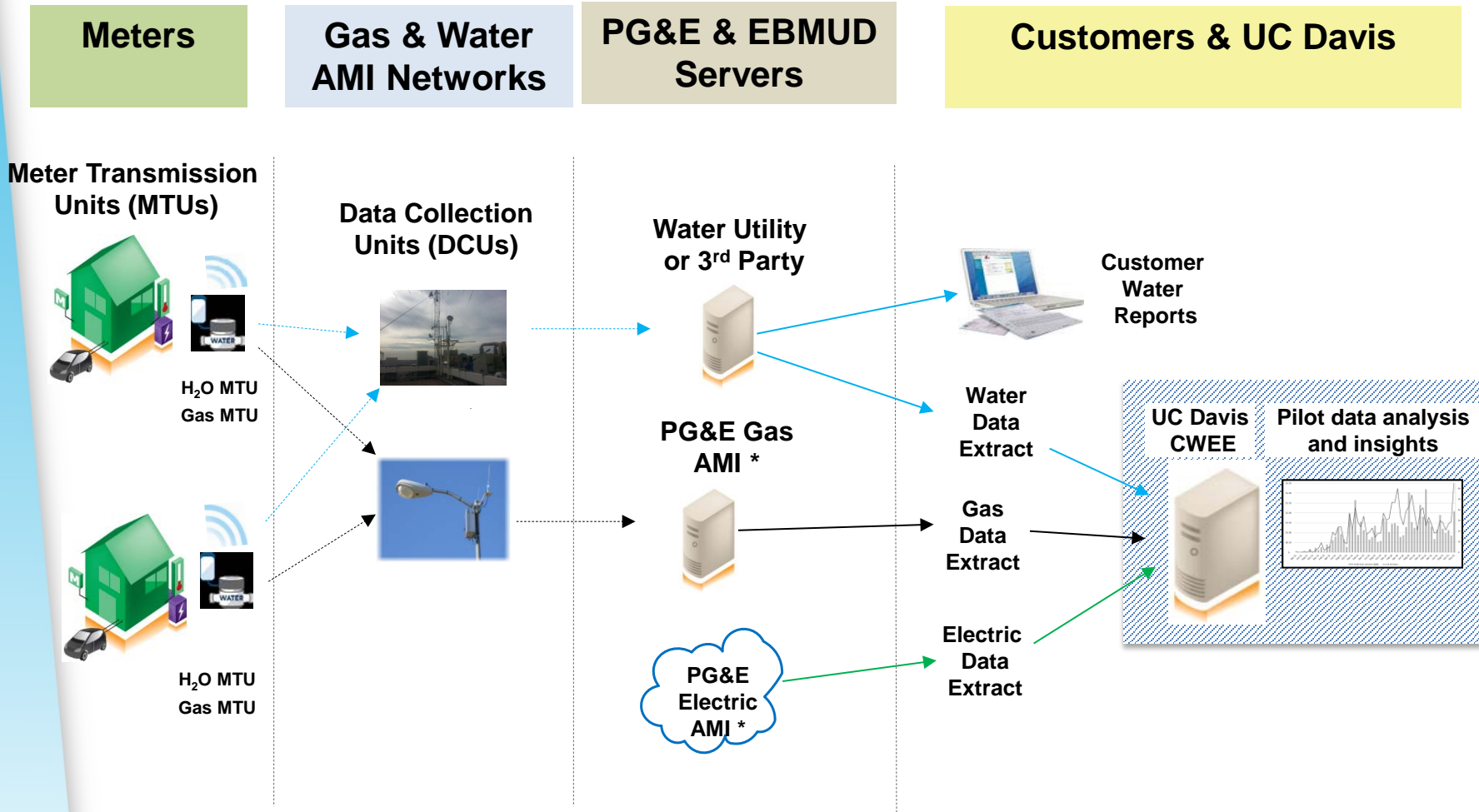
- PG&E and EBMUD collaborated with UC Davis to present to the California Public Utilities Commission (CPUC) an AMI based Water-Energy Residential Behavioral study for approval
- Scope:
 - Treatment and control groups of up to 5,000 residential meters each
 - Water meters will be connected to EBMUD AMI network
 - Treatment group will receive targeted AMI data, messaging via home water & energy reports, WaterSmart (AMI) Toolbox, landscape budgets
 - All customers to receive water conservation services
- Final CPUC decision expected in April 2016



Pilot Objectives and Benefits



Proposed Information Flow

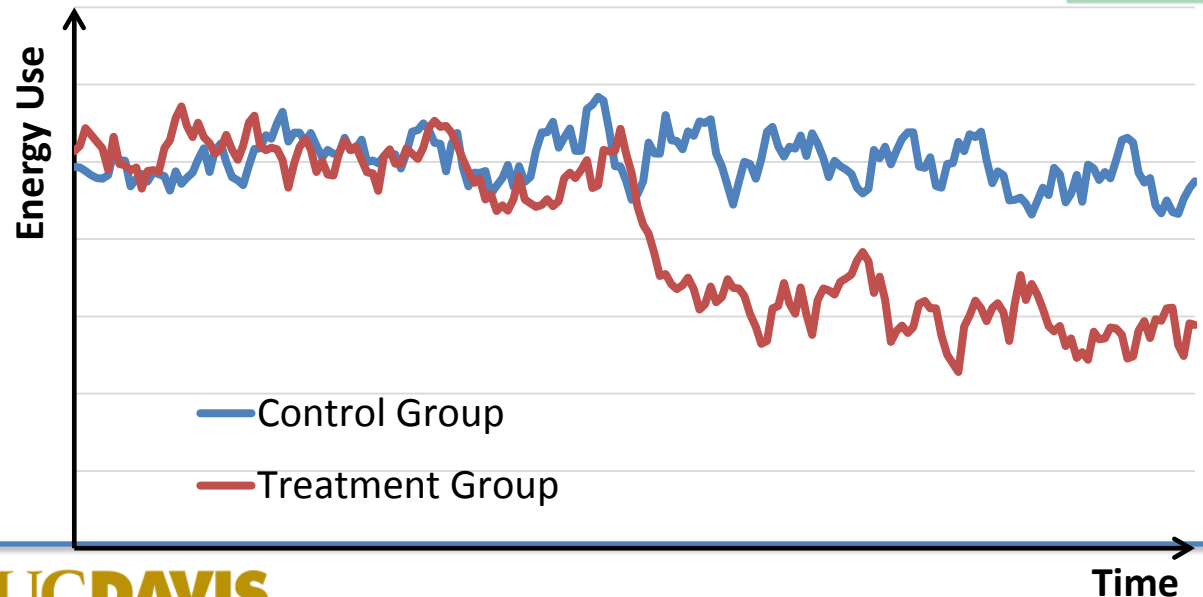
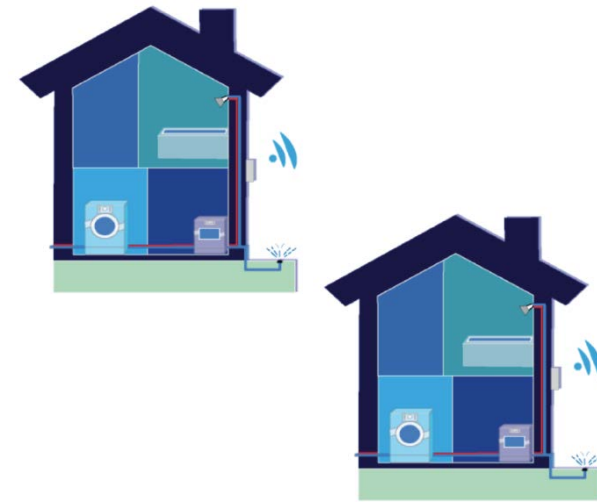


* PG&E Electric AMI not fully shown in this diagram

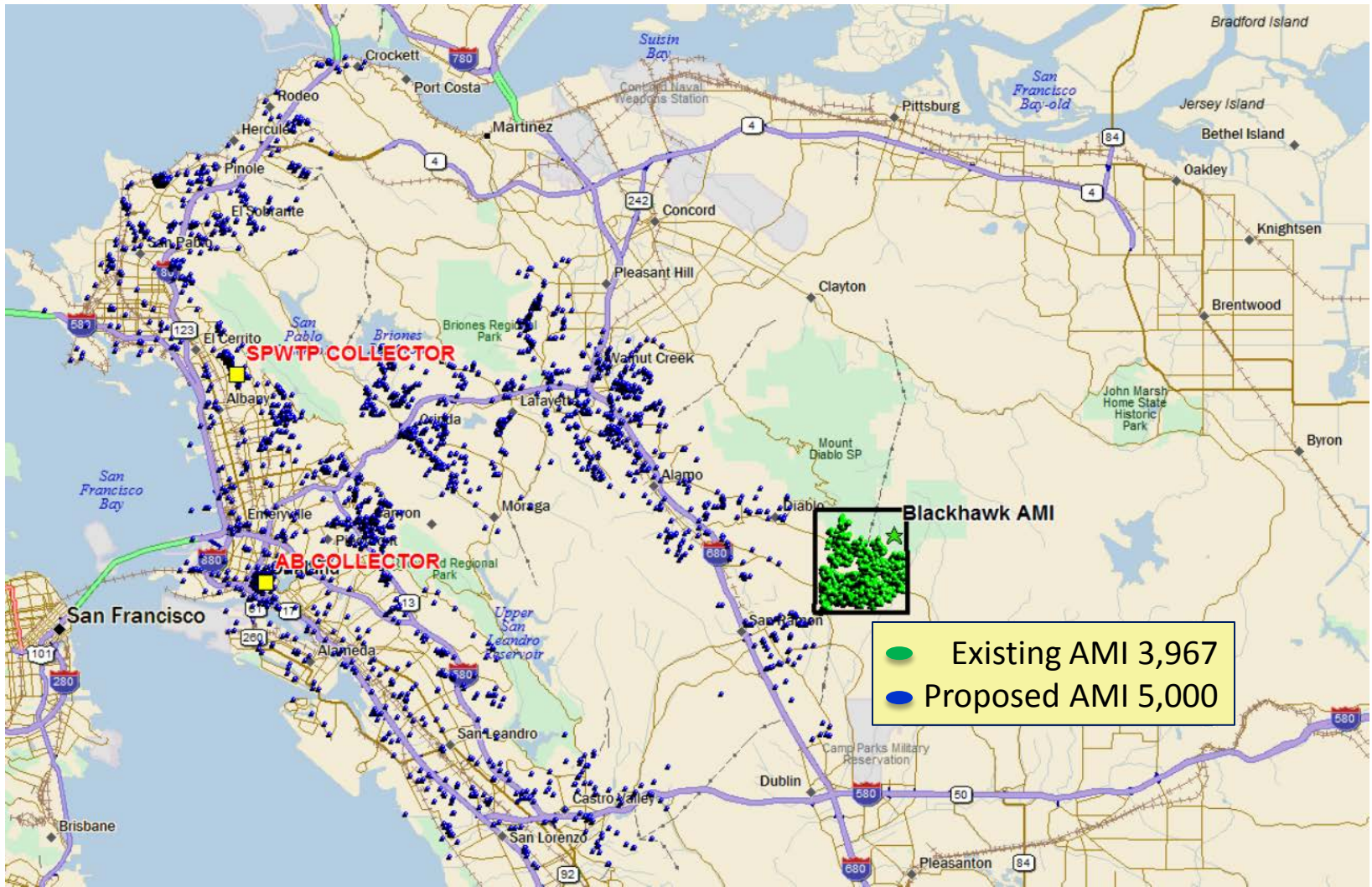
Behavioral Water & Energy Conservation

Randomized control trial

- “Gold standard” of evaluation
 - Isolation of impact
- Treatment and control groups
- Water, electricity and gas data



Planned EBMUD AMI Installations



EBMUD AMI WaterSmart Toolbox

User Lookup

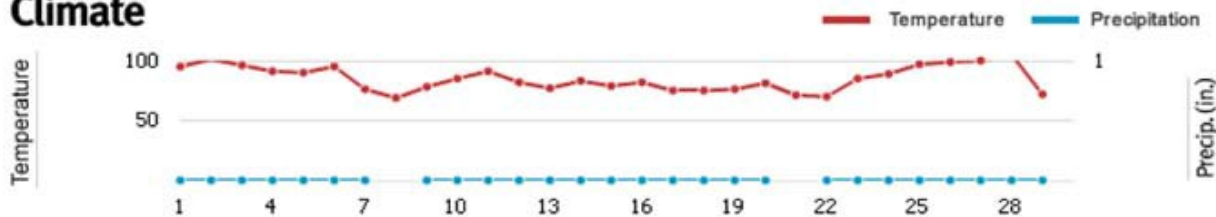
Account #123452

Daily Water Usage

Daily usage for September 2010



Climate



Quick View

Yearly Monthly **Daily** Hourly

[Table View](#)

Climate

- Temperature ?
- Precipitation ?

Settings

[Edit](#)

Daily Limit: **ON**
Alert sent at 500 Gallons
Leak Detection: **ON**
Threshold set at 10 Gallons

Download Report ?

Enter timeframe

Water Use:

Choose ...

DOWNLOAD

