



# BayREN Water Bill Savings Program

**MTC Administrative Committee** | October 9, 2019

**Brad Paul** | Deputy Executive Director, Local Government Services **Chris**

**Cone** | Sonoma County Regional Climate Protection Authority

**BayREN Lead, Water Bill Savings Program**



ASSOCIATION OF BAY AREA GOVERNMENTS  
METROPOLITAN TRANSPORTATION COMMISSION

# ABAG LOCAL GOVERNMENT SERVICES

- SF Estuary Partnership
- ABAG POWER
- **ABAG BayREN**
- ABAG Finance Authority (FAN/ACFA)



ASSOCIATION OF BAY AREA GOVERNMENTS  
METROPOLITAN TRANSPORTATION COMMISSION



ABAG's Bay Area Regional Energy Network (BayREN) is one of only three Regional Energy Networks in California.

As a collaboration involving nine Bay Area counties, BayREN implements a portfolio of regional energy efficiency programs that include:

**BAY  
AREA** Regional  
Energy  
Network





## Single Family

- Free step-by-step technical assistance to consumers & contractors for energy & water efficiency programs
- Rebates, education & outreach

## Multifamily

- Technical assistance to property owners for energy upgrades & rebates

## Codes & Standards

- Advocacy & support for green building codes
- Trainings to governments on standards & best practices

## Commercial

- Assistance to small and medium size businesses

**BAY AREA** Regional Energy Network





Local Governments Empowering Our Communities

# Water Bill Savings Program

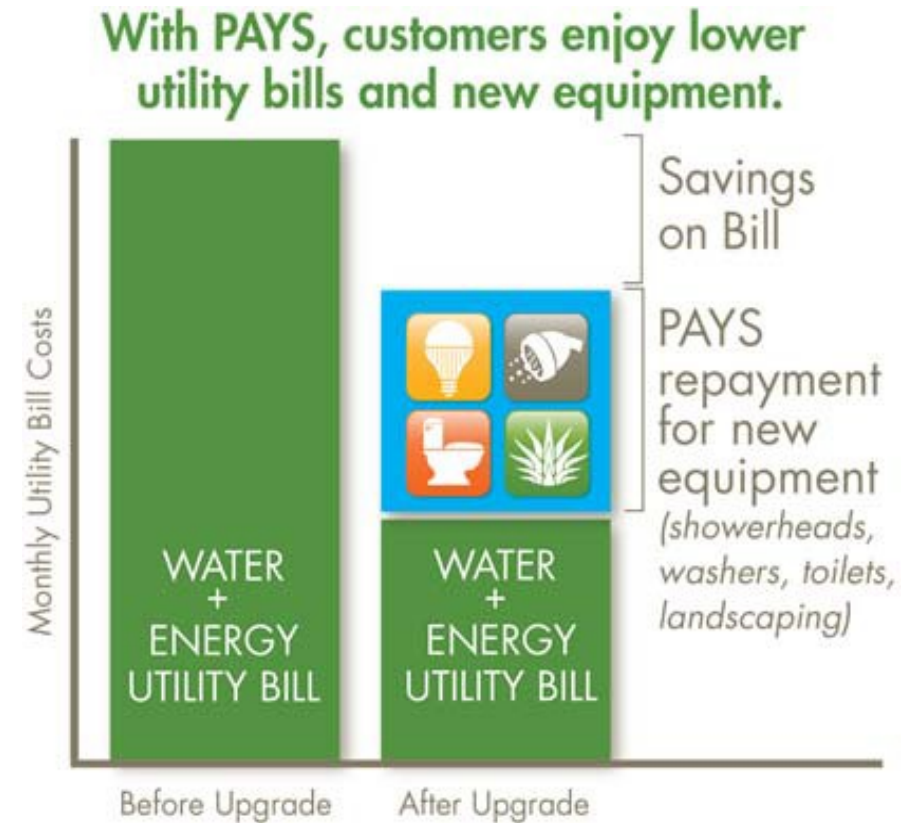
Chris Cone, WBSP Manager  
Sonoma County Regional Climate Protection Authority

October 9, 2019

# Program Offer

The BayREN Water Bill Savings Program allows water utilities to install eligible improvements in customers' buildings with program assurances field tested by BayREN's Pay-As-You-Save® (PAYS®) on-bill pilots:

- No up-front payments, it's a utility investment in customer-side water conservation infrastructure.
- A monthly on-bill charge that is significantly lower than estimated savings.
- Participants pay only while they are a utility customer at the project location.
- A guarantee that failed measures are repaired or the payment obligation is terminated.





# Current Programs

Features	Windsor Efficiency PAYS®	Green Hayward PAYS®	EBMUD WaterSmart On-Bill
Customer Class	Single Family Multifamily	Multifamily	Multifamily Commercial
Eligible Upgrades	Toilets (1.06/gpf) Showerheads/aerators  <u>Single Family:</u> Drought-tolerant landscaping	Toilets (1.06/gpf) Showerheads/aerators Weather-based irrigation controller Irrigation system repair Common area lighting Central hot water	Toilets (1.06/gpf) Showerheads/aerators Weather-based irrigation controller  <u>Commercial:</u> Improvements vary by customer
Started Operation	2012-2015	2014	2016
Program Operator	Third-party	Third-party	EBMUD
Capital Source	Self-funded	Self-funded	Self-funded

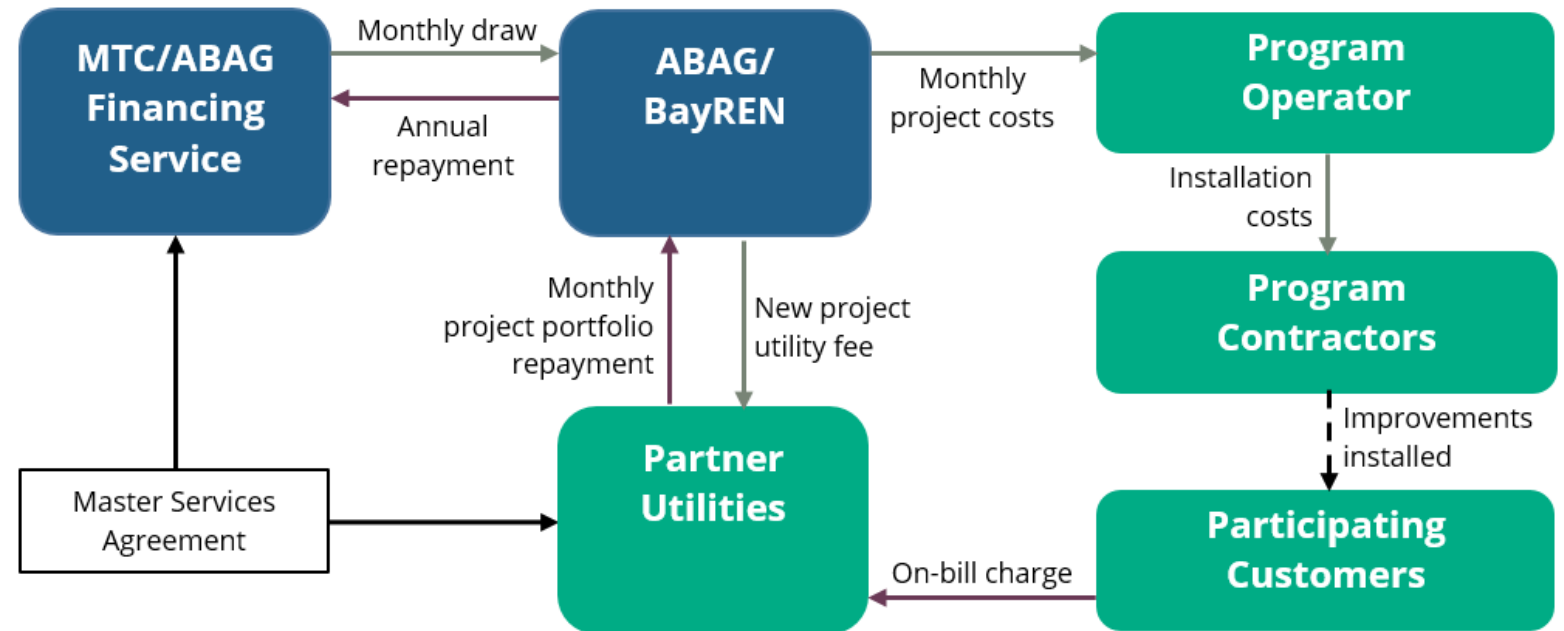
Projects as of January 2019 — 480 multi-family unit/247 single family projects  
Average water savings — 30% multi-family/20% single family



# Regional Program Model

Organized under MTC/ABAG, the regional Program:

- Facilitates low-cost capital.
- Centralizes administration.
- Streamlines service delivery.
- Simplifies program operation.





# Action Requested

That the Committee refer MTC Resolution No. 4394 to the Commission to authorize a loan of up to \$1 million from ABAG's \$10 million Operational Advance for startup funding for BayREN's new residential water saving program.

## Notes:

- Through contractual master agreements, water utilities agree to pay amounts due ABAG regardless of customer payments. ABAG's repayment of MTC advances is guaranteed by water utilities providing a fully secured loan.
- BayREN sees potential for program to become financially self-sufficient over time due to growing revenue from program fees, CPUC funding through 2025 and bond financing (e.g. ACFA).

## Questions and Comments

