



# LOW-INCOME WATER CONSERVATION COLLABORATIVE PROGRAM

March 12, 2019



1. Who is RHA?
2. Energy Savings Assistance (ESA) Program Overview
3. ESA Water Coordination Program
4. Current WCP Participants and Measures Served

- Energy, water and outreach program implementer
- Partner of municipal and investor-owned utilities for almost 40 years
- Provider of outreach, enrollment, direct installation, inspection and technical support services
- Program administrator for PG&E's ESA program
- Administrator of PG&E's ESA water-energy collaborative programs

Provides low-income residential customers with no-cost home improvements to make their home more energy efficient, safe and comfortable.



**Over 25% of PG&E  
residential customers  
meet income guidelines**



**83,000 households  
treated in 2017**



**Average cost per home:  
\$1,470**

- Home energy assessment
- Energy education
- Installation of energy savings measures, such as:
  - Weatherproofing
  - Lighting
  - Refrigerators
  - Furnaces
  - Hot water saving measures
- Enrollment in California Alternate Rates for Energy (CARE) energy bill discount





- Faucet Aerators
- Low Flow Showerheads
- Thermostatic Shower Valve
- High Efficiency Washing Machines
- Pipe Wrap
- Water Heater Blankets
- Water Heater repair/replacement
- Toilet Tank Kit
- Water Conservation Tip Sheet



# HOT WATER MEASURES INSTALLED BY ESA IN 2018

County	Homes Served	Faucet Aerators	Clothes Washers	Thermostatic Valves	Showerheads	Toilet kits
Amador	292	235	3	88	231	14
Calaveras	562	1,161	5	193	245	101
El Dorado	901	647	5	293	503	22
Placer	1551	2,426	12	933	1,802	139
Sacramento	4,359	7,147	18	4,686	5,200	1,872
San Joaquin	4,752	7,390	179	5,605	5,980	1,318
Solano	2,656	3,632	151	2,437	865	1,536
Stanislaus	3,228	5,250	23	3,991	3,971	1,169
Yolo	1,949	3,075	19	1,695	1,828	1,429
<b>Totals</b>	<b>18,301</b>	<b>27,888</b>	<b>396</b>	<b>18,226</b>	<b>20,797</b>	<b>6,171</b>

Enhanced water  
conservation through water  
agency collaboration with  
ESA program





## Program Design Basics:

1. Cafeteria Style
2. Mix of interior and exterior conservation
3. Customer data sharing agreement
4. Quality assurance program
5. Data reporting and referrals

- Toilet tab test
- Toilet replacement qualification evaluation
- Flapper installations
- High efficiency toilet direct installation
- Toilet retrofit referral
- ESA hot water measures when PG&E does not provide the source of energy for the water heating
- Shower timer

# MENU OPTIONS: EXTERIOR AND OTHERS



Outdoor water  
usage assessment



Meter check and  
leak isolation



Water conservation  
education



Water conservation  
tip sheet



Hose nozzles



Water agency  
giveaways

# CUSTOMIZED OPTION SELECTIONS

	California American Water	Solano County Water Agency	Yuba County Water Agency	Alameda County Water Agency	East Bay Municipal District
Toilet tab test	X	X	X		X
Toilet replacement qualification	X	X	X	X	X
Flapper installations	X		X		
High efficiency toilet direct	X		X	X	
Toilet retrofit referral	X	X	X		
ESA hot water measures	X		X		
Shower timers	X		X		
Outdoor water usage assessment	X		X	X	
Meter check and leak isolation	X		X		X
Water conservation education	X		X		
Water conservation tip sheet	X		X		
Hose nozzles	X		X		
Water Agency Giveaways	X		X	X	

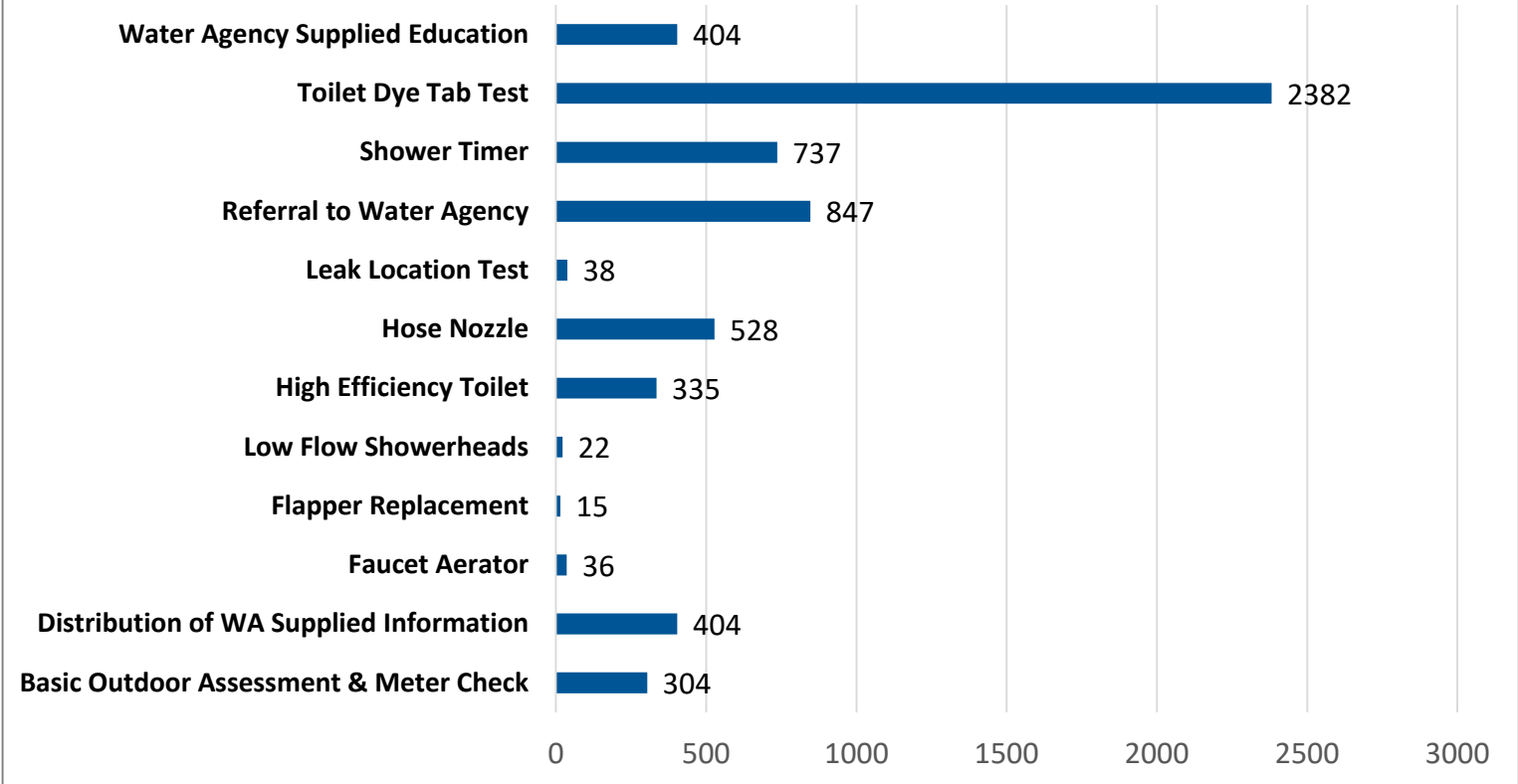


Data collected from **3 water coordination programs** over last **6 months**



**1,434** homes served

## Water Measures in 1,434 Homes





Receive information on ESA program activity in service area



Determine which services are right for agency goals



Decide if pilot test makes sense



RHA develops turnkey program that meets specific needs



# Questions & Discussion

