



# Regional Water Use Efficiency Programs Report

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*Fiscal Year 2020–2021*







# IEUA's WUE Mission

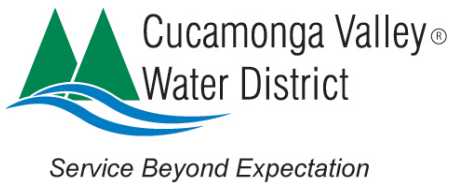
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*IEUA is committed to investing in our water supply for today and tomorrow through fiscal responsibility, efficient business practices, water supply management, and environmental stewardship.*



# Customer Agencies

of Inland Empire  
Utilities Agency



## Letter from Shivaji Deshmukh, General Manager

*The Inland Empire Utilities Agency (IEUA) comprises a region that depends on imported water from Northern California to provide up to a third of drinking water supplies. Annual snowpack conditions that result in forecasted supplies from the Sierra Nevada mountains are an important indicator as to the likelihood our region will experience drought conditions. The winter of 2020/21 started off well with snowpack levels at approximately 72 percent of average. However, an early, hot Spring resulted in unusually low runoff levels of only 38 percent – too low to replenish water in reservoirs. By April, Governor Newsom had declared a drought State of Emergency, starting with two California counties and soon extended the emergency state-wide.*



Shivaji Deshmukh, P.E.  
General Manager

Drought conditions in the western United States are intensifying with climate change. Water managers are continuing to implement a portfolio of actions to assure continued water supply reliability. Promoting a lifestyle of water use efficiency (WUE) is part of that portfolio and is more important today than ever before.

IEUA and its Customer Agencies have jointly undertaken a suite of WUE programs for more than two decades now. This Annual Report captures all activities employed during fiscal year (FY)2020/21, adding to a historical database of all water-saving measures deployed since the Program's inception in FY 2002/03. This report also tracks progress toward regional goals and objectives outlined in IEUA's long-term WUE Business Plan and Urban Water Management Plan.

During this fiscal year, IEUA invested \$1.45 million toward WUE programs that is estimated to deliver a lifetime water savings of 4,659 acre-feet at a cost of \$312 per acre-foot (IEUA only). Together in FY 2020/21, more than 4,000 water-saving technologies and services were deployed throughout the service area, resulting in an annual water savings of 546 acre-feet. These implementation results are especially remarkable given the unique challenges associated with the Pandemic.

While celebrating FY 2020/21 accomplishments, many challenges remain ahead. The region must continue to exceed SBx7-7 20x2020 requirements while preparing for future WUE requirements stemming from California legislation, SB606 and AB1668 – Making Conservation a California Way of Life. IEUA and its Customer Agencies have a long tenure of working collaboratively on strategies and programs to adapt to new standards, such as this new regulatory Framework.

Our region's ongoing commitment to explore and innovate new approaches for achieving sustainable water savings is often made possible through financial partnerships with organizations such as the Metropolitan Water District of Southern California, the California Department of Water Resources, the United States Bureau of Reclamation, and other public/private partnerships.

As we continue to adapt to changing snowpack conditions and other challenges, WUE programs will continue to play a prominent role in assuring regional water supply reliability. Working collaboratively alongside our Customer Agencies, IEUA is committed to providing a portfolio of WUE programs that provide everyday water savings, beautify our neighborhoods with new landscape ideas, and help to make our communities more drought resilient.

*Shivaji Deshmukh, P.E.*

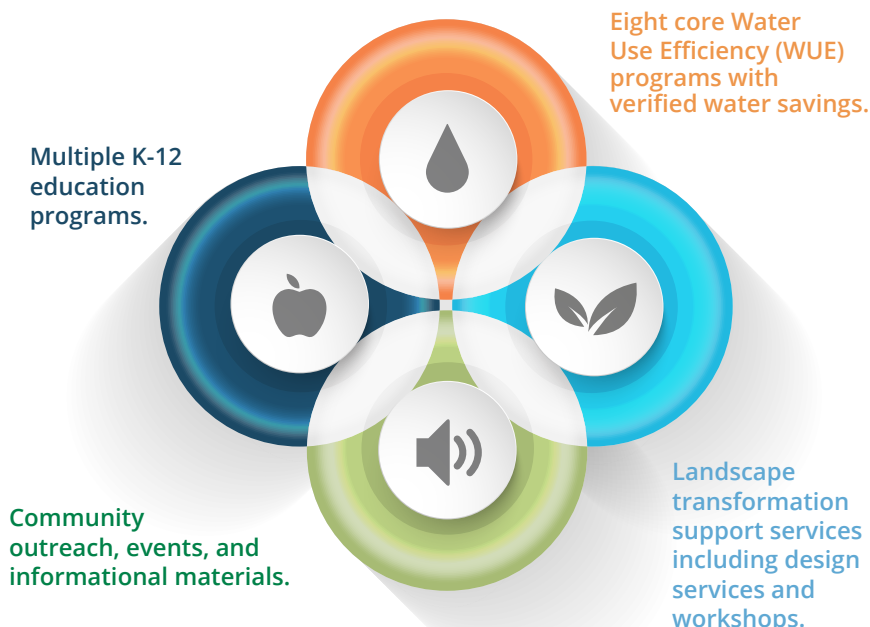


# Highlights of the Year

## July 1, 2020 to June 30, 2021

Fiscal year 2020-21 began during the heart of the COVID-19 Pandemic in California and presented many obstacles for the IEUA WUE Program. The Pandemic caused barriers for some programs like the Regional Landscape Evaluation and Audit Program to match prior year activities. However, through collaboration between its program vendors, Customer Agencies, and internal staff, IEUA emphasized contactless and virtual instruction in its Program to ensure the safety of the Region and succession of its other water-saving Programs. At the same time, Customer Agencies actively promoted those same water-saving programs resulting in the Region exceeding the previous year's activities. The Sprinkler Tune-up Program almost tripled the activity completed in the last fiscal year.

On behalf of and alongside its Customer Agencies and despite the challenges posed by the global health pandemic, IEUA continued to implement a range of programs as well as educational and support services in FY 2020-21, including:



**IEUA WUE staff provides a range of services to support regional WUE activities, including:**

Program planning, performance tracking and evaluation.

Cost-efficient centralized administration.

Procurement economies of scale for devices and vendor services.

Grant writing and procurement.

Vendor solicitation and contract management.

Budget management.

Legislative and regulatory compliance support.

# Key Accomplishments



Increased activity year-over-year, despite COVID-19 pandemic.



Annual savings of 546 acre-feet, lifetime savings of 4,659 acre-feet.



Cost-effective water savings: 3-year payback at \$312 per acre-foot cost (IEUA Only)



Leveraged \$1.47 million in outside funding.



Increased the Sprinkler Tune-up Program activity by 256% from the previous year.



Replaced 524,242 sq. ft of turf with a climate-appropriate alternative.



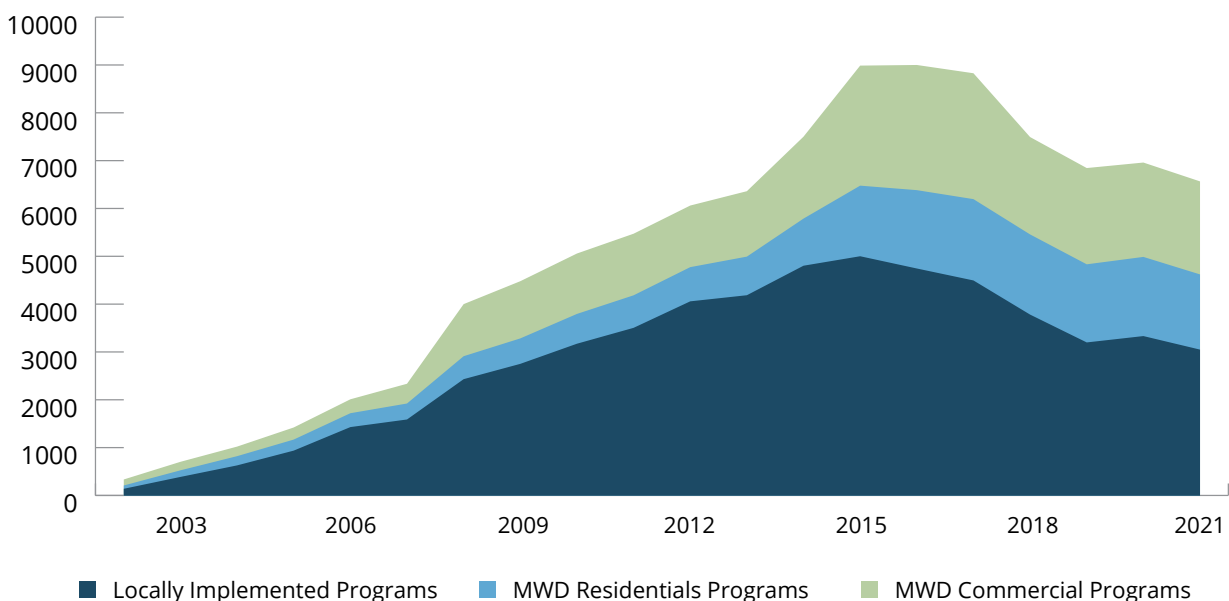
Deployed 4,634 HE Nozzles and 1,788 Smart Controllers through direct installs and rebates.



Piloted 127 leak detection technologies.

The following chart shows all active water savings incurred between FY 2002-03 and FY 2020-21. In the graph, water savings are recorded through the expected lifetime of each deployed measure. The Region continues to experience savings from WUE measures implemented many years ago. The chart breaks down active savings by Metropolitan Water District (MWD) Commercial, MWD Residential, and IEUA Locally Implemented Programs.

**Total IEUA Active Water Savings  
FY 02/03 through FY 20/21**



\*All data was obtained from IEUA's Water Use Efficiency Summary Charts, which has been attached as an appendix item to the report.



# FY 2020-21 WUE Program Water Savings

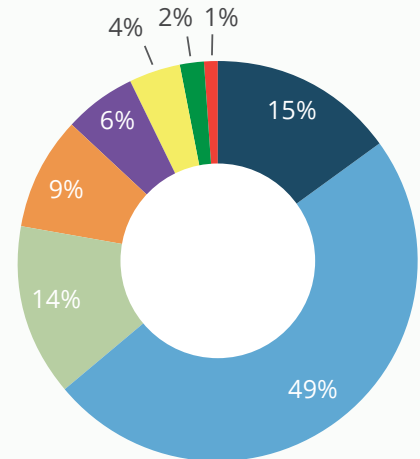
There are eight IEUA WUE programs with verifiable water savings. **These core programs saved 546 acre-feet annually and 4,659 acre-feet over the life of the measures.**

Sprinkler Tune-ups represented 49% of the annual savings, while Turf Replacement Rebates represented 50% of the lifetime savings. Below are the annual and lifetime water savings for each Program.

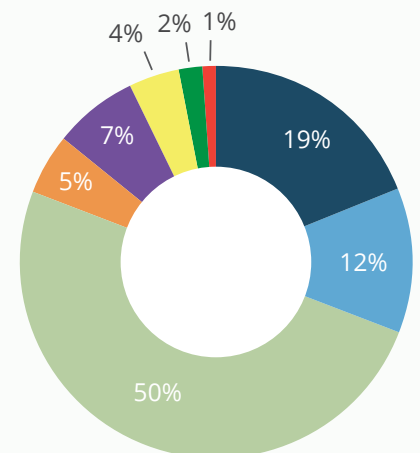
Program	Annual Savings (AF)	Lifetime Savings (AF)
SoCal WaterSmart Device Rebates	83	900
Sprinkler Tune-Ups	267	535
Turf Replacement	78	2,334
Landscape Audit & Evaluations	50	251
Smart Controller Upgrades	33	332
Large Landscape Retrofits	19	168
Leak Detection Incentives	10	95
Pressure Regulation	4	45
<b>Total</b>	<b>546</b>	<b>4,659</b>



**Percent Annual Water Savings by Program**



**Percent Lifetime Water Savings by Program**



- SoCal WaterSmart Rebates
- Sprinkler Tune-Ups
- Turf Replacement
- Landscape Audit & Evaluations
- Smart Controller Upgrades
- Large Landscape Retrofits
- Leak Detection Incentives
- Pressure Regulation

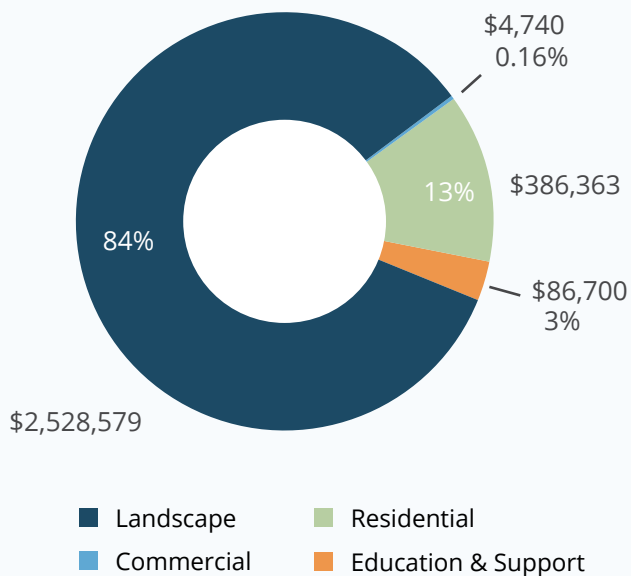
\*All WUE Program Savings data was obtained through IEUA Program vendor invoicing and socialwatersmart.com activity.

# FY 2020-21 WUE Program Cost and Cost Effectiveness

The total cost for FY 2020-21 WUE programs was \$3 Million (MWD + IEUA + Customer Agencies+Partners). By pooling together financial resources the Partnering Agencies are able to jointly sponsor a bigger impact on water savings.

Eighty-four percent or \$2.5 Million, of the funds went to landscape and irrigation programs and services. \$386,363 was spent on residential programs, \$4,740 on commercial programs, and \$86,700 on education and support services.

Program Funding by Sector



As shown in the chart to the left, the Partnering Agencies deliver highly cost-effective programs. IEUA's portion of the cost is just \$1.45 million for water-saving programs that delivered lifetime savings of 4,659 acre-feet at a low cost of \$312 per acre-foot. The Agency's cost per acre foot in lieu of purchasing imported water is \$312.



Of all the program funding, IEUA secured

48%

of the funding from outside sources.

IEUA spent just **\$1.45 Million** for lifetime savings of 4,659 acre-feet at **\$312 per acre-foot.**

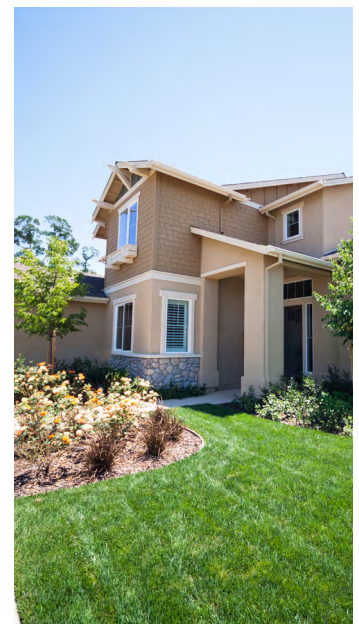


Below is a comparison of each core WUE program by funding source, total cost, IEUA payback, and IEUA cost per acre-foot.

Program	Outside Funding	IEUA Funding	MWD Funding	Total	IEUA Payback (Years)	IEUA Cost per Acre-foot
SoCal WaterSmart Rebates	\$2,610	\$142,600	\$148,214	\$293,424	2.08	\$158
Turf Replacement	\$70,660	\$417,284	\$831,744	\$1,319,688	6.46	\$178
Sprinkler Tune-Ups	\$0	\$250,015	\$172,800	\$422,815	1.13	\$467
Large Landscape Retrofits	\$0	\$172,460	\$34,084	\$206,544	10.77	\$1,029
Smart Controller Upgrades	\$0	\$277,119	\$185,692	\$462,811	10.05	\$835
Pressure Regulation	\$0	\$182,130	\$8,100	\$190,230	48.9	\$4,061
Leak Detection Incentives	\$0	\$9,594	\$12,164	\$21,758	1.21	\$101
Landscape Audit & Evaluations	\$3,906	\$118	\$440	\$4,464	0.003	\$29.50
<b>Total</b>	<b>\$77,176</b>	<b>\$1,451,319</b>	<b>\$1,393,238</b>	<b>\$2,921,733</b>	<b>3.2</b>	<b>\$312</b>

Topping the list of programs that are the most cost-effective is the Landscape Evaluation and Audit Program (LEAP), administered by Chino Basin Water Conservation District (CBWCD), which provides no-cost audits for customers who reside within CBWCD's sphere of influence and the IEUA service area. As such, savings can be realized with minimal cost to IEUA. The second most cost-effective Program is the Leak Detection Incentive Program which costs just \$101 per acre-foot and has a payback of 1.21 years. In FY 2021-22, IEUA will no longer administer the Program and will offer the residential Leak Detection Program through Metropolitan Water District, which will provide a rebate incentive for Leak Detection devices. The third most cost-effective, at \$158 per acre-foot with a payback of 2.08 years, is the SoCal WaterSmart Rebates (not including Turf Replacement) resulting from a large number of smart controllers and high-efficiency clothes washers deployed throughout the service area.

The Pressure Regulation Program has the highest cost per acre-foot at \$4,061; however, the Program is considered a highly valued customer service program. The Program is now offered only to customers experiencing issues with pressure. Regardless of the cost per acre-foot for the Pressure Regulation Program, the aggregated total cost per acre-foot for all programs is calculated at a low of \$312 per acre-foot.



\*All Core Program data was obtained through a combination of IEUA program vendor invoices and socialwatersmart.com activity.



In addition to the core efficiency programs with active water savings, IEUA funds educational and local agency support programs. These programs and services provide an educational foundation for all WUE efforts. Below is a list of the programs and their associated funding for FY 2020-21.

Service	Outside Funding	IEUA Funding	MWD Funding	Total
<b>Landscape Transformation Customer Education</b>				
Landscape Design	--	--	\$2,255	\$2,255
Landscape Classes	--	--	\$1,900	\$1,900
<b>School Education</b>				
National Theatre for Children	--	\$39,970	--	\$39,970
<b>Customer Agency Local Support &amp; Funding</b>				
WUE Support Tools	--	\$1,000	--	\$1,000
BMP Support	--	\$8,000	--	\$8,000
CIMIS Station	--	\$990	--	\$990
CALWEP/ AWE Dues	--	\$15,418	\$15,418	\$30,836
Peer2Peer Sponsorship	--	\$1,000	--	\$1,000
Pressure Gauges	--	\$2,916	--	\$2,916
<b>Total</b>	<b>\$0</b>	<b>\$69,294</b>	<b>\$19,573</b>	<b>\$88,867</b>

\*All education programs and local agency support data was obtained through IEUA program vendor invoices.

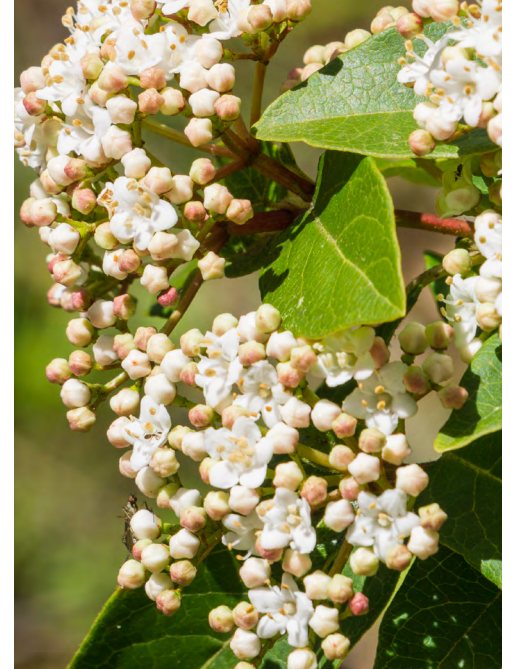


## FY 2020-21 Customer Agency Program Activity

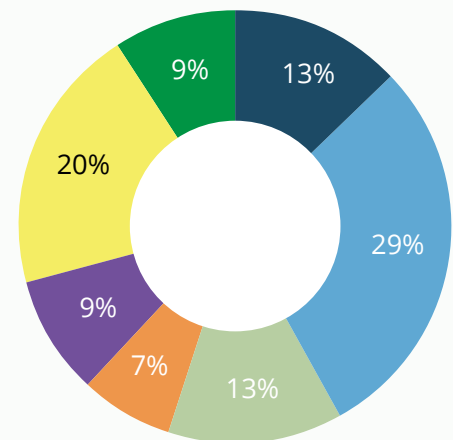
The chart below shows the program activity and water savings for each Customer Agency. Although a range of devices may be installed, the chart provides an illustrative comparison of performance for each overarching Program.

The City of Chino Hills, one of the smaller Customer Agencies, had the highest volume of annual water savings. This is due to their high customer interest in the Sprinkler Tune-Up Program and Leak Detection Incentives. Ontario achieved the highest lifetime water savings as a result of residential high-efficiency clothes washer purchases and turf replacement at commercial, industrial and institutional facilities.

Details on all program activities for each Customer Agency can be found as an appendix item to this report.



**Annual Water Savings Percentages by Customer Agencies**



- Chino
- Chino Hills
- CVWD
- FWC
- MVWD
- Ontario
- SAWCO (0%)
- Upland
- WWWD (0%)

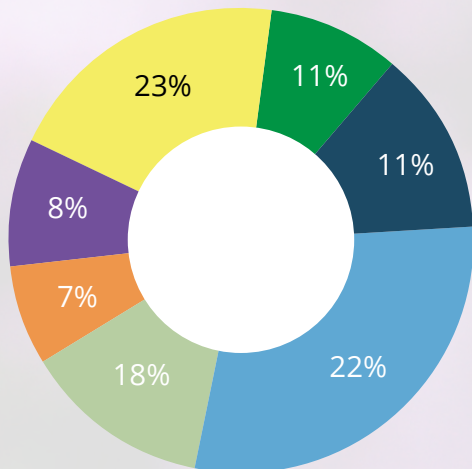
\*All Customer Agency Program data was obtained through a combination of IEUA program vendor invoices and socialwatersmart.com activity.

**FY 2020 Customer Agency Program Activity and Water Savings**

Customer Agency	Number of Devices	Gallons Saved per Year	AF Saved per Year	Lifetime AF Saved
The City of Chino	490	20,624,426	63	410
The City of Chino Hills	1,220	47,084,302	144	776
Cucamonga Valley Water District	963	21,105,033	65	475
Fontana Water Company	612	12,242,446	38	457
Monte Vista Water District	369	14,486,705	44	337
Ontario Municipal Utilities Company	749	32,564,015	100	1,262
San Antonio Water Company	8	103,441	0	3
The City of Upland	377	13,876,653	43	383
West Valley Water District	0	0	0	0

The chart below illustrates the funding received by each Customer Agency for the eight-core water-saving programs.

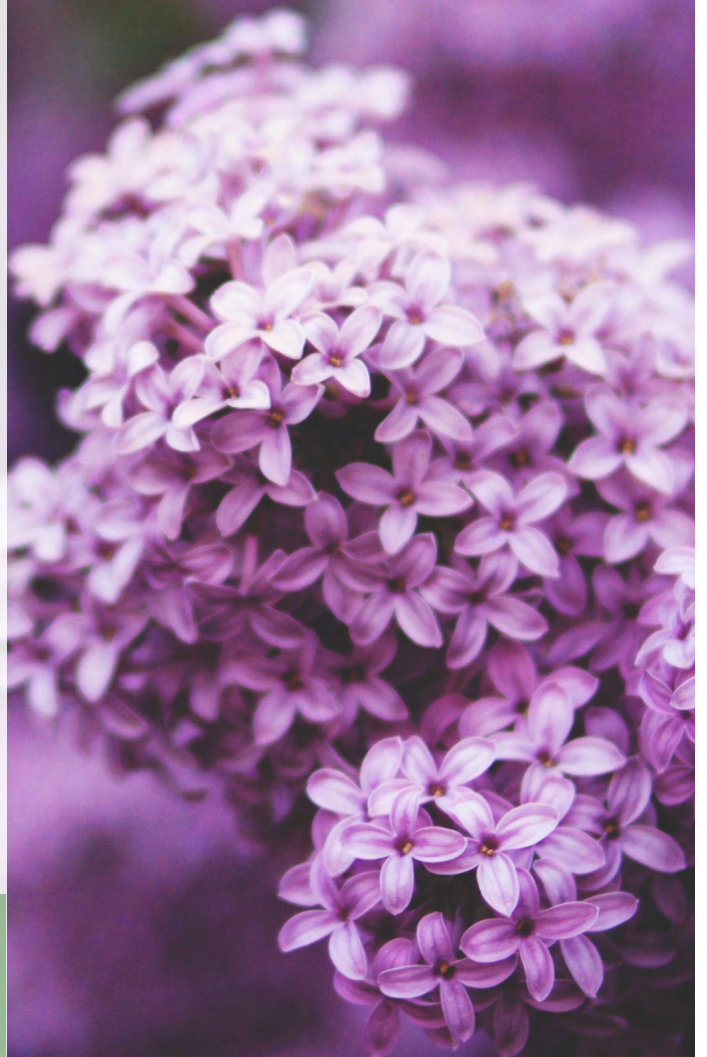
### IEUA Funding per Customer Agency



- |               |              |
|---------------|--------------|
| ■ Chino       | ■ Ontario    |
| ■ Chino Hills | ■ Upland     |
| ■ CVWD        | ■ SAWCO (0%) |
| ■ FWC         | ■ WVWD (0%)  |
| ■ MVWD        |              |

Individual Customer Agency performance can vary for several reasons, including variations in population and customer sectors, customer interests, and demand.

Details on program funding, activity, and water savings for each Customer Agency can be found as an appendix item to the report.





## FY 2020-21 Funding Benefits per Customer Agency

Customer Agency	Outside Funding	IEUA Funding	MWD Funding	Total
Chino, City of	\$0	\$158,629	\$173,000	\$331,629
Chino Hills, City of	\$1,450	\$354,504	\$280,624	\$636,578
Cucamonga Valley Water District	\$0	\$278,987	\$244,417	\$523,404
Fontana Water Company	\$0	\$92,290	\$101,981	\$194,271
Monte Vista Water District	\$8,050	\$128,963	\$112,457	\$249,469
Ontario, City of	\$63,771	\$279,755	\$329,171	\$672,697
San Antonio Water Company	\$0	\$630	\$650	\$1,280
Upland, City of	\$0	\$157,443	\$150,499	\$307,942
West Valley Water District	\$0	\$0	\$0	\$0

## FY 2020-21 Performance to WUE Business Plan Goals

Every five years, IEUA and its Customer Agencies develop a Regional Water Use Efficiency Business Plan. The Business Plan documents regional water use efficiency targets, goals and methodologies to achieve water savings, meet current statutes, and comply with evolving State regulations. The water savings goals are then incorporated into IEUA's Urban Water Management Plan (UWMP).

At the time of this report, the 2020-2025 WUE Business Plan was being updated and therefore final costs and savings goals were unavailable to benchmark. Instead, IEUA has utilized the water savings goals from its 2020 UWMP, projected costs from IEUA's annual WUE budget, and cost per acre-foot objectives from the 2015 WUE Business Plan. The IEUA reports used in the analysis can be found on [www.ieua.org/read-our-reports](http://www.ieua.org/read-our-reports).

Below is a snapshot of the annual WUE program performance:

Measures	UWMP Projections (Units)	FY 2020-21 Actual Activity (Units)	Difference (Units)		
SCWS Device Rebates	5,450	5,126	-324	IEUA Annual Budget	\$1,600,000
Sprinkler Tune-Ups	450	1,153	703	IEUA Actual Costs	\$1,520,613
SCWS Turf Replacement	450,000	525,242	75,242	Difference in Spending Projected vs. Actual Costs	-\$79,387
Landscape Audit & Evaluations	100	16	-84	Projected Annual Water Savings From UWMP	691
Smart Controller Upgrades	250	724	474	Actual Annual Water Savings in FY 2020/21	546
Large Landscape Retrofits	200	250	50	Difference in savings	-145
Pressure Regulation	50	325	275		

**117%**

increase in actual activity compared to UWMP projections

# Looking Forward

IEUA and the Customer Agencies have been effectively implementing water use efficiency strategies and programs over the past twenty years.

However, there are a number of challenges ahead. The most important initiative is for Customer Agencies to meet or exceed the new legislative mandates that tighten water usage standards. These looming regulations will require water agencies at the retail and wholesale level to work cohesively in new and innovative ways and at a faster pace of adaptation and coordination.

As a result, IEUA will support regional efforts that will assist the Customer Agencies achieve compliance.

*Specifically, IEUA is committed to the following objectives for the upcoming year:*



**Retool the WUE Program** to ensure cost-effectiveness, supply reliability, regulatory compliance, meaningful input in program design, equity, and flexibility.



**Continue to focus on maximizing water savings and related programs**, regardless of dry or wet conditions.



**Generate a WUE Business Plan** that provides the blueprint for the methodologies and strategies to achieve water savings, meet current statutes, and comply with evolving State Standards.



**Support Customer Agencies in calculating compliance with California's new Framework legislation** and meet expected standards and requirements imposed by the Framework.



**Offer a range of water use efficiency programs, ideally providing integrated**, multi-resource benefits, including community and economic development.



**Continue to leverage outside funding and allocate IEUA** funding for local and regional programs to offset customer agency financial burden.



**Provide meaningful programs with high value** to motivate customers to participate.



**Provide valuable marketing, data, and support resources** to strengthen and augment programs and processes.





# SoCal WaterSmart Rebates

SoCal WaterSmart is Metropolitan's regional rebate program offering incentives for a menu of indoor and outdoor water-saving measures for residential and commercial customers.

The Program is administered by Metropolitan's regional vendor, EGIA. Metropolitan pays for the base incentive as well as the administration.

SCWS Program Savings FY 2020-21

	Annual Savings (AF)	Lifetime Savings (AF)
Residential	77	862
Commercial	6	32
<b>Total</b>	<b>83</b>	<b>900</b>



IEUA adds supplemental funding for each device, as shown in the chart below.

### Why IEUA Implements the SoCal WaterSmart Program

- The majority of funding is provided by Metropolitan.
- Ease of implementation for IEUA and its Customer Agencies.
- Uniform rebates reduce customer confusion regarding the availability of rebates in their specific area.

### SoCal WaterSmart Program FY 2020-21 Accomplishments

- 5,126 devices rebated.
- Over 1,000 customers serviced through the program.

Residential Measures	Base Incentive	IEUA Added Incentive	Total Incentive
High-Efficiency Clothes Washer	\$85	\$75	\$160
Premium High-Efficiency Toilet	\$40	\$60	\$100
Landscape Measures	Base Incentive	IEUA Added Incentive	Total Incentive
High-Efficiency Sprinkler Nozzles	\$2	\$3	\$5
Smart Controllers & Soil Moisture Sensing Controllers (Less than one irrigated acre)	\$80	\$80	\$160
Smart Controllers & Soil Moisture Sensing Controllers Per Station (One irrigated acre or larger)	\$35	\$10	\$45
Hose Bib Irrigation Controllers	\$35	\$0	\$35
Rain Barrels	\$35	\$0	\$35
Cisterns (200-500 gallons)	\$250	\$0	\$250
Cisterns (501-999 gallons)	\$300	\$0	\$300
Cisterns (1000+ gallons)	\$350	\$0	\$350
Commercial Measures	Base Incentive	IEUA Added Incentive	Total Incentive
Plumbing Flow Control Valve	\$5	\$5	\$10
Laminar Flow Restrictor	\$10	\$10	\$20
Commercial Premium High-Efficiency Toilet	\$40	\$60	\$100
Ultra-Low Water Urinal	\$200	\$200	\$400
Large Rotary Nozzles (Per Set)	\$13	\$5	\$18
In-Stream Flow Regulator	\$1	\$3	\$4
pH- Cooling Tower Controller	\$1,750	\$1,000	\$2,750
Cooling Tower Conductivity	\$625	\$375	\$1,000
Dry Vacuum Pump (Per 0.5 HP)	\$125	\$200	\$325
Connectionless Food Steamers (Per Compartment)	\$485	\$315	\$800
Ice-Making Machines	\$1,000	\$1,000	\$2,000

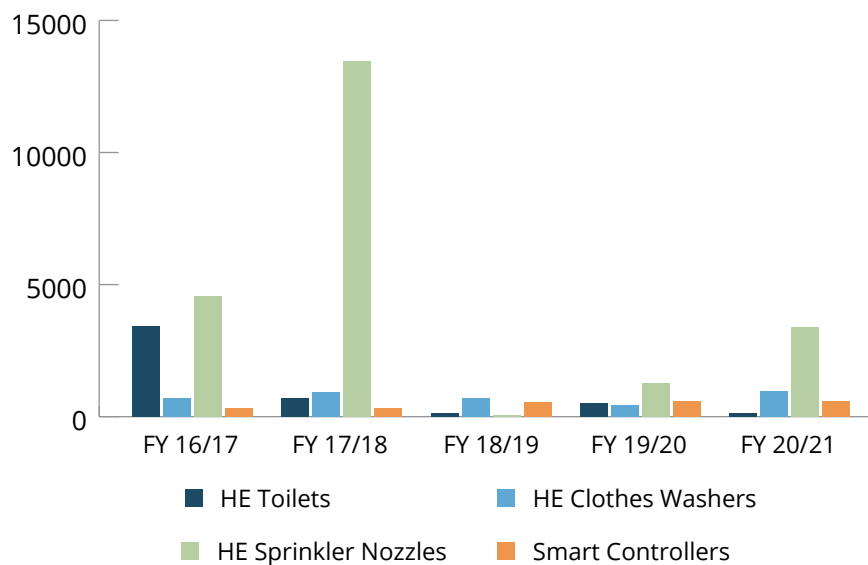


# SoCal WaterSmart Program Activity

## Residential Device Activity

Activity has gone from a high in FY 2017-18 of 15,435 devices to a low of 1,476 devices in FY 2018-19. Activity has steadily increased since and now is up 347% in FY 2020-21 with 5,126 devices rebated. High-efficiency sprinkler nozzles represent the highest volume of devices rebated. High-efficiency clothes washers represent the second-highest volume. In FY 2020-21, rebates for hose bib irrigation controllers were introduced to the region.

**Top Residential Annual Activity by Device -  
5 Year Comparison**



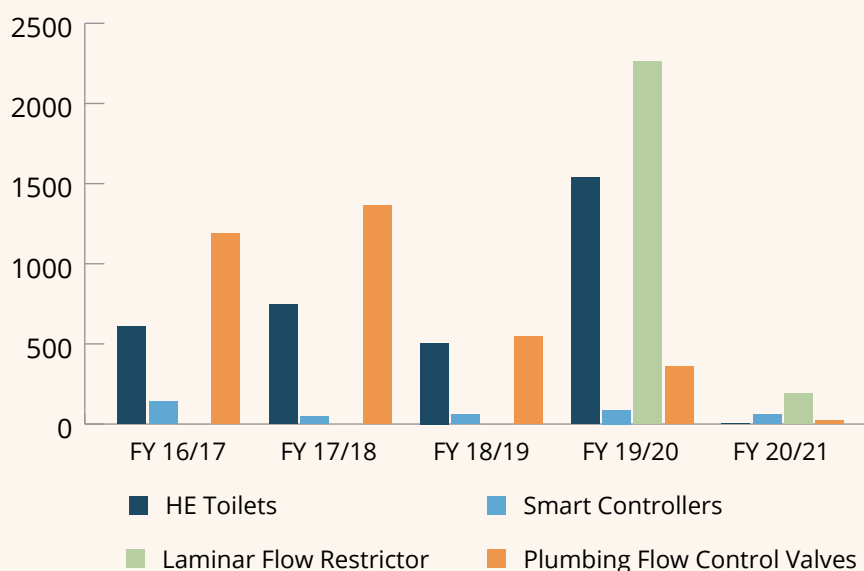
Devices	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21
HE Toilets	3,444	705	148	521	140
HE Clothes Washers	690	923	695	429	980
HE Sprinkler Nozzles	4,555	13,442	51	1,275	3,393
Smart Controllers	334	311	562	578	586
Hose Bib Controllers	0	0	0	0	7
Soil Moisture Systems	0	0	1	0	0
Rain Barrels	275	19	15	9	19
Cisterns	1	35	4	0	1
<b>TOTAL</b>	<b>9,299</b>	<b>15,435</b>	<b>1,476</b>	<b>2,812</b>	<b>5,126</b>

## Commercial Device Activity

Activity has gone from a high of 4,248 devices at the start of FY 2019-20 to a low of 335 devices in FY 2020-21. The region has experienced a decrease in CII devices over the COVID-19 Pandemic. Laminar flow restrictors represent the largest rebated devices while HE Nozzles represent the second-largest volume of deployed devices.



Top Commercial Annual Activity by Device - 5 Year Comparison



## Commercial Annual Activity by Device

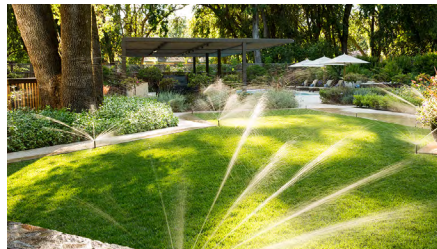
Devices	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21
High Efficiency Toilets	611	747	506	1,539	1
Smart Controllers	139	47	59	88	58
Laminar Flow Restrictor	0	0	0	2,261	191
Plumbing Flow Control Valves	1,191	1,363	547	360	22
HE Sprinkler Nozzles	0	0	231	0	77
Waterless Urinals	0	0	0	0	2
Computerized Controller	0	0	0	0	4
Air Cooled Ice Machine	1	1	0	0	0
Cooling Tower Controller	2	0	2	0	0
<b>TOTAL</b>	<b>1,944</b>	<b>2,158</b>	<b>1,345</b>	<b>4,248</b>	<b>355</b>

# SoCal WaterSmart Program FY 2020-21 Water Savings

## Residential Device Savings

The majority of annual residential device savings came from clothes washers at 34 acre-feet per year and lifetime savings at 473 acre-feet.

	Annual Savings (GPY)	Annual Savings (AF)	Lifetime Savings (AF)
High-Efficiency Toilets	1,122,400	3	69
High-Efficiency Clothes Washers	11,018,679	34	473
High-Efficiency Sprinkler Nozzles	4,849,653	15	74
Smart Controllers	7,906,464	24	243
Hose Bib Controllers	94,445	.29	3
Rain Barrels	11,765	.04	.18
Cisterns	2,477	.01	.04
<b>Total</b>	<b>25,005,883</b>	<b>77</b>	<b>862</b>



## Commercial Device Savings

The majority of annual savings for commercial devices came from laminar flow restrictors at 22 acre-feet, followed by smart controllers at 7 acre-feet.

	Annual Savings (GPY)	Annual Savings (AF)	Lifetime Savings (AF)
High Efficiency Toilets	8,017	.02	.5
Waterless Urinals	79,976	.3	5
Smart Controllers	243,838	1	7
High-Efficiency Sprinkler Nozzles	110,415	.3	2
Computerized Controller	16,816	.1	1
Laminar Flow Restrictor	1,431,679	4	22
Plumbing Flow Control	30,113	.1	1
<b>Total</b>	<b>30,148,879</b>	<b>6</b>	<b>38</b>





## WaterSmart Program FY 2020-21 Cost and Cost Effectiveness

Both the residential and commercial SoCal WaterSmart programs are the most cost-effective programs for IEUA. The commercial Program comes in at \$96 per acre-foot, and the residential Program is at \$161 per acre-foot with a combined cost of \$158 per acre-foot, well below IEUA's avoided costs.

### Residential Device Cost and Cost Effectiveness

	Outside Funding	IEUA Funding	MWD Funding	Total	IEUA Payback (Years)	IEUA Cost per Acre-foot
High-Efficiency Toilets	\$0	\$8,400	\$5,600	\$14,100	2.9	\$122
High Efficiency Clothes Washers	\$2,610	\$73,500	\$83,300	\$159,410	2.6	\$155
High Efficiency Sprinkler Nozzles	\$0	\$10,179	\$6,786	\$16,965	0.8	\$137
Smart Controllers	\$0	\$46,880	\$46,534	\$93,414	2.3	\$193
Rain Barrels	\$0	\$0	\$665	\$665	0	\$0
Cisterns	\$0	\$0	\$300	\$300	0	\$0
<b>Total</b>	<b>\$2,610</b>	<b>\$138,959</b>	<b>\$143,430</b>	<b>\$284,999</b>	<b>2.2</b>	<b>\$161</b>

### Commercial Device Cost and Cost Effectiveness

	Outside Funding	IEUA Funding	MWD Funding	Total	IEUA Payback (Years)	IEUA Cost per Acre-foot
High-Efficiency Toilets	\$0	\$60	\$40	\$100	2.9	\$122
Waterless Urinals	\$0	\$400	\$400	\$800	2	\$82
Smart Controllers	\$0	\$870	\$2,030	\$2,900	1.4	\$116
High Efficiency Sprinkler Nozzles	\$0	\$231	\$154	\$385	0.8	\$136
Central Irrigation Controller	\$0	\$60	\$140	\$200	1.4	\$116
Laminar Flow Restrictors	\$0	\$1,910	\$1,910	\$3,820	0.5	\$87
Plumbing Flow Controls	\$0	\$1,800	\$110	\$110	1.4	\$119
<b>Total</b>	<b>\$0</b>	<b>\$3,641</b>	<b>\$4,784</b>	<b>\$8,425</b>	<b>0.7</b>	<b>\$96</b>



## SoCal WaterSmart Potential Program Enhancements

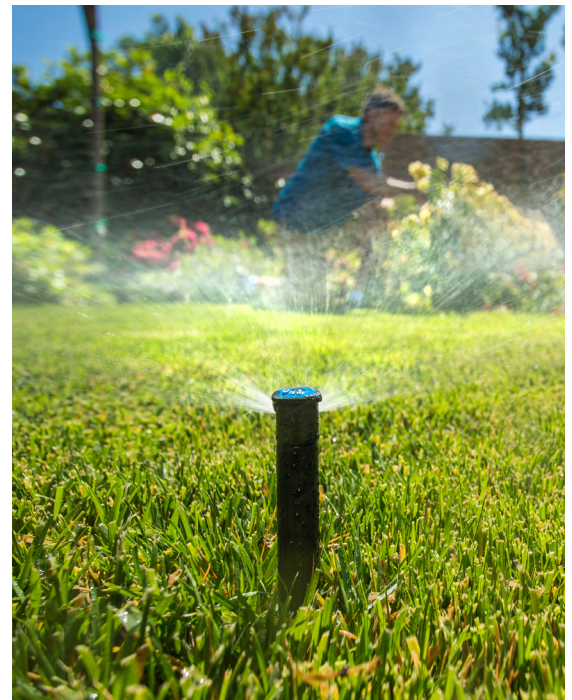
Ease of participation, knowledge about rebates, and motivation to install new projects pose barriers to program implementation. Recommendations for addressing these barriers include:



Continue to add funding to priority measures, specifically irrigation measures, including smart controllers and high-efficiency sprinkler nozzles.



Conduct more aggressive outreach and marketing, specifically targeting large landscape properties and top users. Utilize the communication avenue most appropriate for targeted populations.



\*All RES and CII device rebate data was obtained through [socalwatersmart.com](http://socalwatersmart.com) activity.



# SoCal Water\$mart Turf Replacement

The Turf Replacement Program encourages customers to remove high water-consuming turf and replace it with low water-using, regionally appropriate plants and surfaces that allow for groundwater infiltration and elimination of runoff. Qualifying applicants can receive \$3 per square foot of turfgrass removed.

Long-term market transformation program



Turf Replacement Program Savings FY 2020-21

	Annual Savings (AF)	Lifetime Savings (AF)
Residential	22	218
Commercial	47	473
Total	69	691

## Why IEUA Implements the Turf Replacement Program

Hundreds of thousands of square feet of irrigated turf in the IEUA territory represent a significant opportunity for water savings.

Replacing turf with regionally appropriate plants also aids in transforming the irrigation and landscaping market.



Removing turf provides long-term savings that persist over 10 years.



Turf Replacement Program  
FY 2020-21 Accomplishments

Increased activity over FY 2020-21 is expected to trend similarly for FY 2021-22 due to drought.



## Turf Replacement Program Activity

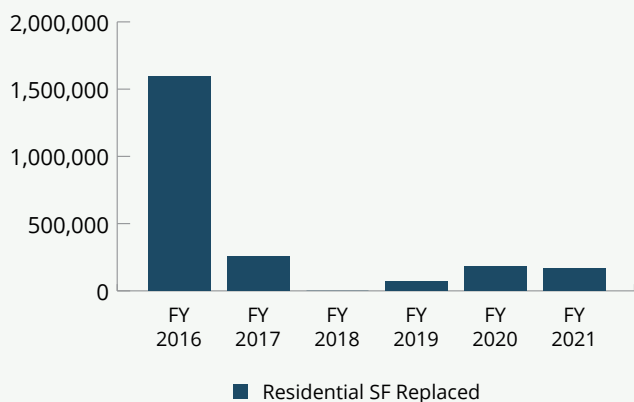
Turf Replacement reached peak popularity during FY 2016-17 when severe drought limited outdoor irrigation, and rebates for turf removal were at their highest. As drought conditions ended, turf replacement activity declined steeply, dropping 82% from the peak. In FY 2018-19, Metropolitan suspended the Program due to a lack of budget.

Turf Replacement began to rebound in FY 2020-21 and has had a steady activity rate in FY 2020-21. Since 2020, there has been a total 4% increase in Turf Replacement activity. Over the past six years, program activity in the IEUA service area has mirrored that in Metropolitan's service area and the entire region. Below is a chart displaying residential and commercial activity in the Turf Replacement Program over the last six years.

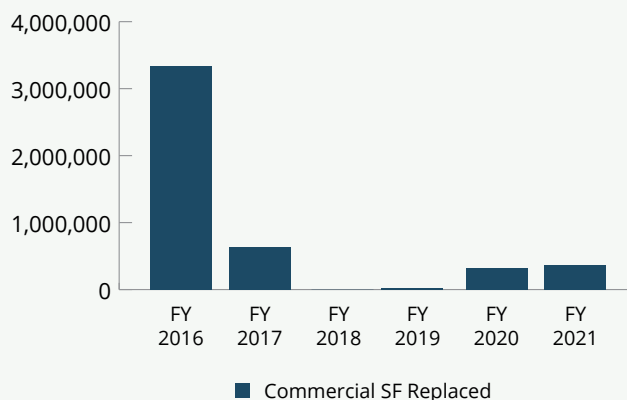
	Residential SF Replaced	Commercial SF Replaced	Total SF Replaced
FY 2021-22	165,414	358,828	524,242
FY 2020-21	184,286	318,778	503,064
FY 2019-20	71,257	19,801	91,058
FY 2018-19	0	0	0
FY 2017-18	255,091	637,916	893,007
FY 2016-17	1,596,789	3,337,120	4,933,909



**Annual Activity  
Residential SQ FT**



**Annual Activity  
Commercial SQ FT**



## Turf Replacement Program FY 2020 Water Savings

	Annual Savings (GPY)	Annual Savings (AF)	Lifetime Savings (AF)
Residential	9,924,840	30	914
Commercial	15,429,604	47	1,420
<b>Total</b>	<b>25,354,444</b>	<b>78</b>	<b>2,334</b>

**This Program is cost-effective at \$178 per acre-foot.**

This program is cost effective at \$466 per acre-foot.

Outside Funding	IEUA Funding	MWD Funding	Total	IEUA Payback (Years)	IEUA Cost per Acre-foot
\$70,660	\$417,284	\$831,744	\$1,319,688	6.46	\$178

### Turf Replacement Potential Program Enhancements

During non-drought years, participation in the Turf Replacement Program significantly decreases. Among the barriers to customer participation are cost, aesthetic concerns, and lack of ability to execute projects. Recommendations for addressing these barriers include:



Targeting of customers likely to replace their turf, consistent and appealing outreach, and education to address customer reluctance for change.



Linking customers to support services to help them make the change successfully. This may include connections to plant suppliers and contractors, design services, and customer consultations.



Building and promoting an easy-to-use and content-rich microsite that serves as a centralized hub bringing together the latest information, guidance, and examples on climate-appropriate landscaping, including how-to videos, inspirational design ideas, and homeowner stories, plant databases, and links to resources such as nurseries and qualified contractors.



\*All Turf Replacement rebate data was obtained through socialwatersmart.com activity.

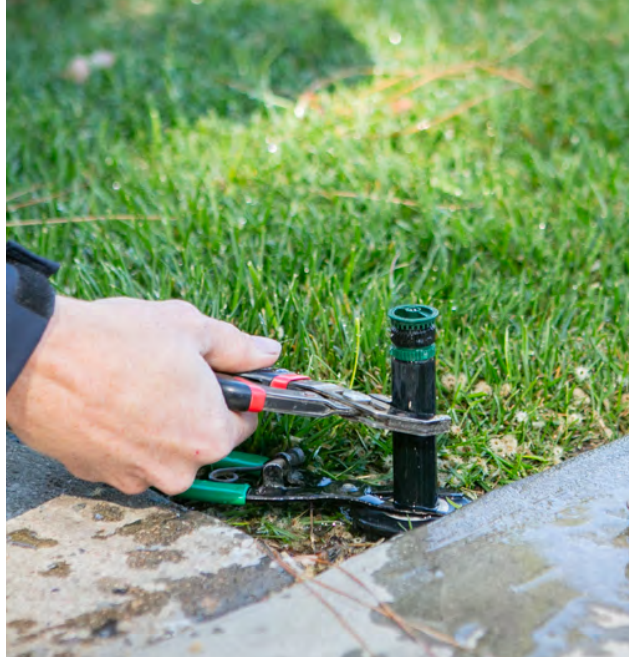


# Sprinkler Tune-up Program

The Sprinkler Tune-Up Program provides customers with a free landscape irrigation tune-up that includes:

- General landscape and irrigation audit.
- Recommendations for repairs and upgrades.
- Replacing and adjusting sprinkler heads and nozzles.
- Repairing valves and bad wiring.
- Controller programming and scheduling.
- Minor lateral irrigation line repairs.

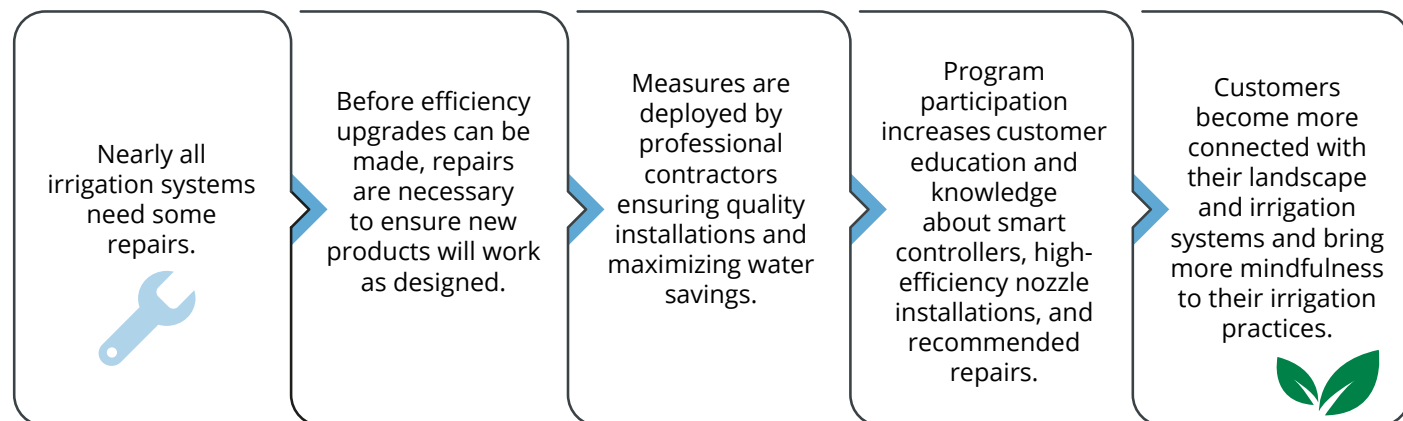
Implemented in FY 2019-20, the Sprinkler Tune-up Program contract was awarded to the program vendor following a competitive bidding process. In FY 2020-21, IEUA and its Customer Agencies expanded the Program to meet higher demands and more than doubled the activity received in the previous year.



## Tune-up Program Savings FY 2020-21

Annual Savings (AF)	Lifetime Savings (AF)
267	535

## Why IEUA implements the Sprinkler Tune-up Program



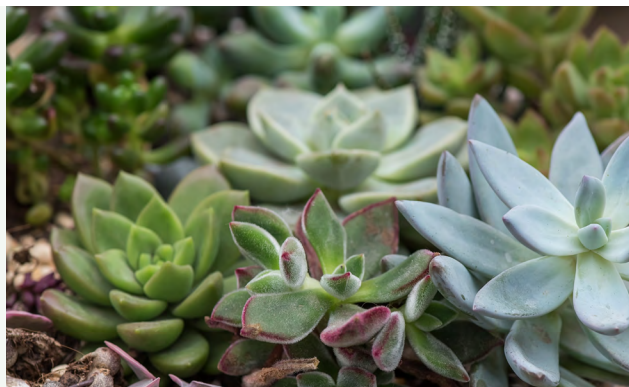
## Sprinkler Tune-up Program FY 2020-21 Accomplishments



Increased activity by  
**257%**  
since FY 2019-2020



**Unprecedented  
customer  
interest.**





## Sprinkler Tune-up Program Activity

Extremely high demand for the Sprinkler Tune-up Program has increased activity year-over-year. Participation in this Program is limited only by budget. If the budget were to increase, participation would increase.

	Tune-up Services	Sprinkler Tune-up Program FY 2020 Water Savings		
		Annual Savings (GPY)	Annual Savings (AF)	Lifetime Savings (AF)
FY 2020-21	267			
FY 2019-20	104			
FY 2018-19	163	87,176,946	267	535

## Sprinkler Tune-up Program FY 2020 Cost and Cost Effectiveness

Outside Funding	IEUA Funding	MWD Funding	Total	IEUA Payback (Years)	IEUA Cost per Acre-foot
\$0	\$250,015	\$172,800	\$422,815	1.1	\$467

## Sprinkler Tune-up Program Potential Enhancements

Consumers often neglect landscape irrigation systems until they have a problem. By encouraging preventative maintenance, the Sprinkler Tune-up Program fills a void with expert help and often empowers customers to pay more attention to their systems. Recommendations to improve this Program are:



Consider targeting high water users to improve cost-effectiveness.



Continue participating in the Metropolitan-sponsored study to analyze the savings per site repair, the duration of those savings, and modify program services based upon findings.



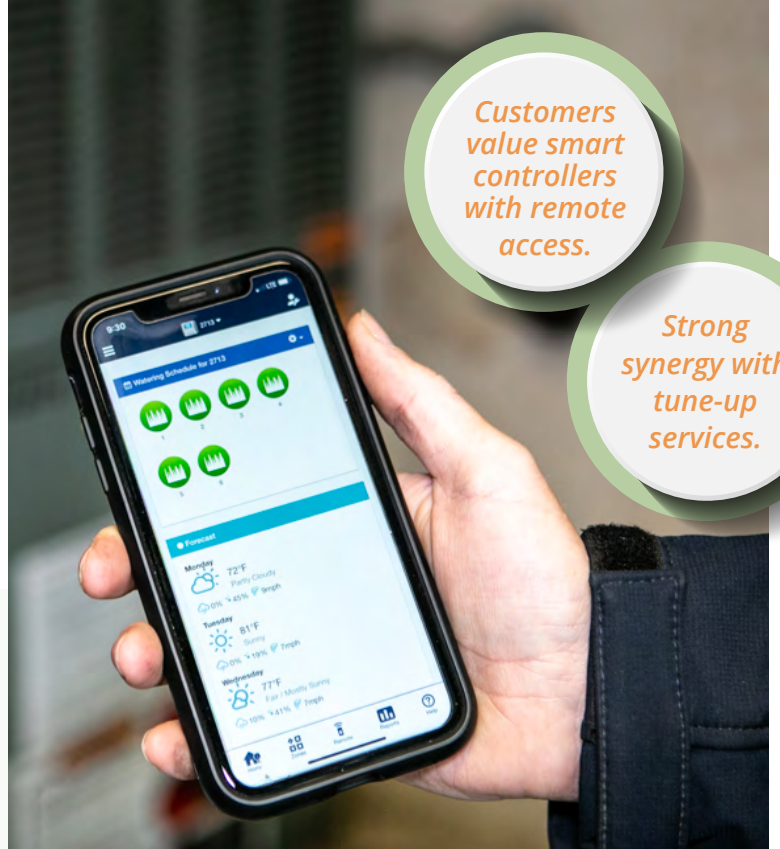
\*All program data was obtained through vendor invoicing

# Small Controller Upgrade Program

The Small Controller Upgrade Program offers customers free installation of smart controllers that use real-time weather data to adjust the watering frequency. To participate, customers must complete an online supplemental video assessment. The video provides an overview of the Program and technology.

## Small Controller Program Savings FY 2020-21

Annual Savings (AF)	Lifetime Savings (AF)
33	332



## Why IEUA Implements the Small Controller Upgrade Program

Single-family properties with irrigated landscapes typically have sprinkler controllers and spray heads, but most do not have the latest smart irrigation technologies that prevent overwatering.

A significant number of smaller lots within the service area are in need of upgrades.

Customers want to upgrade their sprinkler systems with the proven technology of smart controllers.

Professional contractors install the units, ensuring the quality of the work and initial programming.

## Small Controller Upgrade Program FY 2020-21 Accomplishments

**169% increase**  
in activity since FY 2019-20

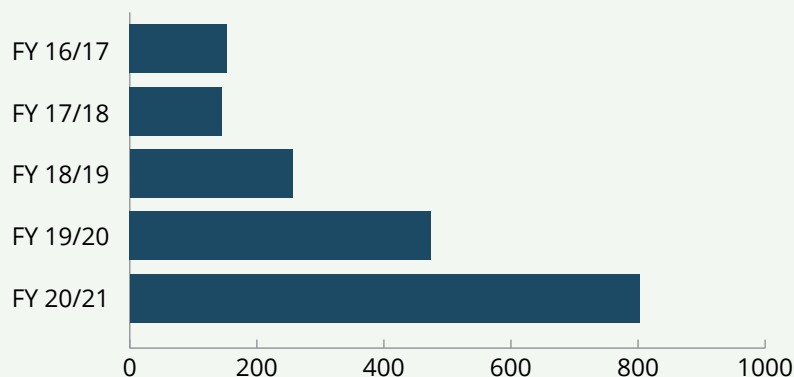
**Synergy**  
with Tune-up Program  
allowed for increased savings per site.

Shifted the educational workshop to an online video and transitioned the program to contactless operation due to the COVID-19 pandemic

## Small Controller Upgrade Program Activity

Despite the impacts of the COVID-19 health pandemic, activity in this program has continued to rise over the last year. This is due to how this program and the Sprinkler Tune-up Program frequently work in concert with each other to drive participation and water savings. Customers who complete one of the programs will typically participate in the other programs.

## Smart Controller Installations 5 Year Comparison



## Small Controller Upgrade Program FY 2020-21 Water Savings

Annual Savings (GPY)	Annual Savings (AF)	Lifetime Savings (AF)
10,820,793	33	332

## Small Controller Upgrade Program FY 2020-21 Cost and Cost Effectiveness

The Small Controller Upgrade Program is one of IEUA's more expensive programs. The per-unit water savings for controllers at smaller properties is much lower than larger landscapes, thus driving the cost-effectiveness down.

Outside Funding	IEUA Funding	MWD Funding	Total	IEUA Payback (Years)	IEUA Cost per Acre-foot
\$0.00	\$277,1191	\$185,692	\$462,811	10	\$835



## Small Controller Upgrade Potential Program Enhancements

The Small Controller Upgrade Program draws customers motivated to save water through technology and upgrade of their irrigation system. However, the Program for smaller properties is not as cost-effective as other programs. Following are some recommendations for consideration:



Target customers who exceed their water budgets or have high water usage. This is one way to increase cost-effectiveness rather than reaching out to the entire service area.

\*All program data was obtained through vendor invoicing



# Large Landscape Retrofit Program

With its goal of reducing outdoor water use among top water users and properties with extensive landscapes, the Large Landscape Program provides the free installation of smart irrigation devices such as smart controllers and high-efficiency sprinkler nozzles to eligible customers. The Program targets customers with a quarter acre or more of an irrigated area or water usage of over 450,000 gallons per year per household.

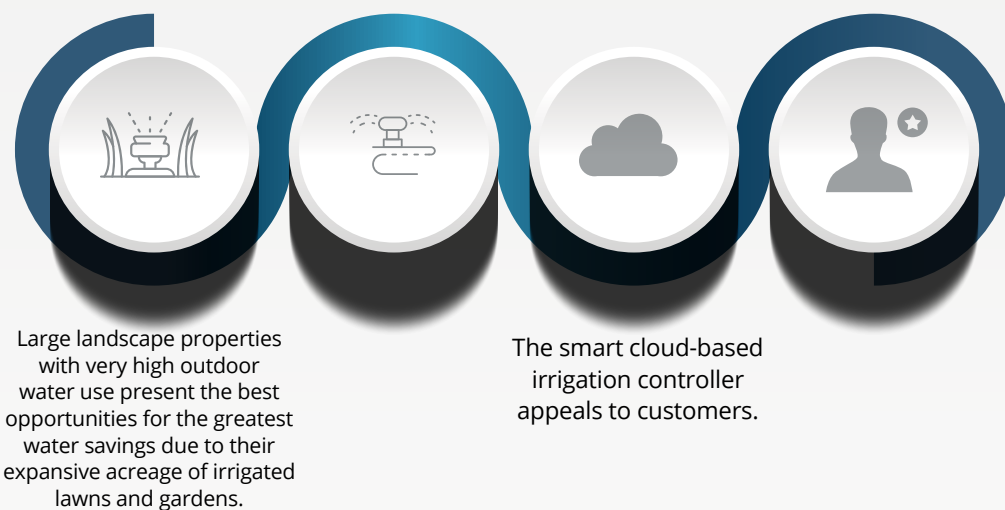
## Large Landscape Program Savings FY 2020-21

Annual Savings (AF)	Lifetime Savings (AF)
19	168

## Why IEUA Implements the Large Landscape Retrofit Program

Properties with large irrigated areas typically have sprinkler controllers and spray heads, but most do not have the latest smart irrigation technologies.

Effective installations and programming are assured through the professional installation.



## Large Landscape Retrofit Program FY 2020-21 Accomplishments

Activity increased  
**137%** since FY 2019-20

*The Program continues to adhere to Covid-19 safety measures while increasing in popularity.*

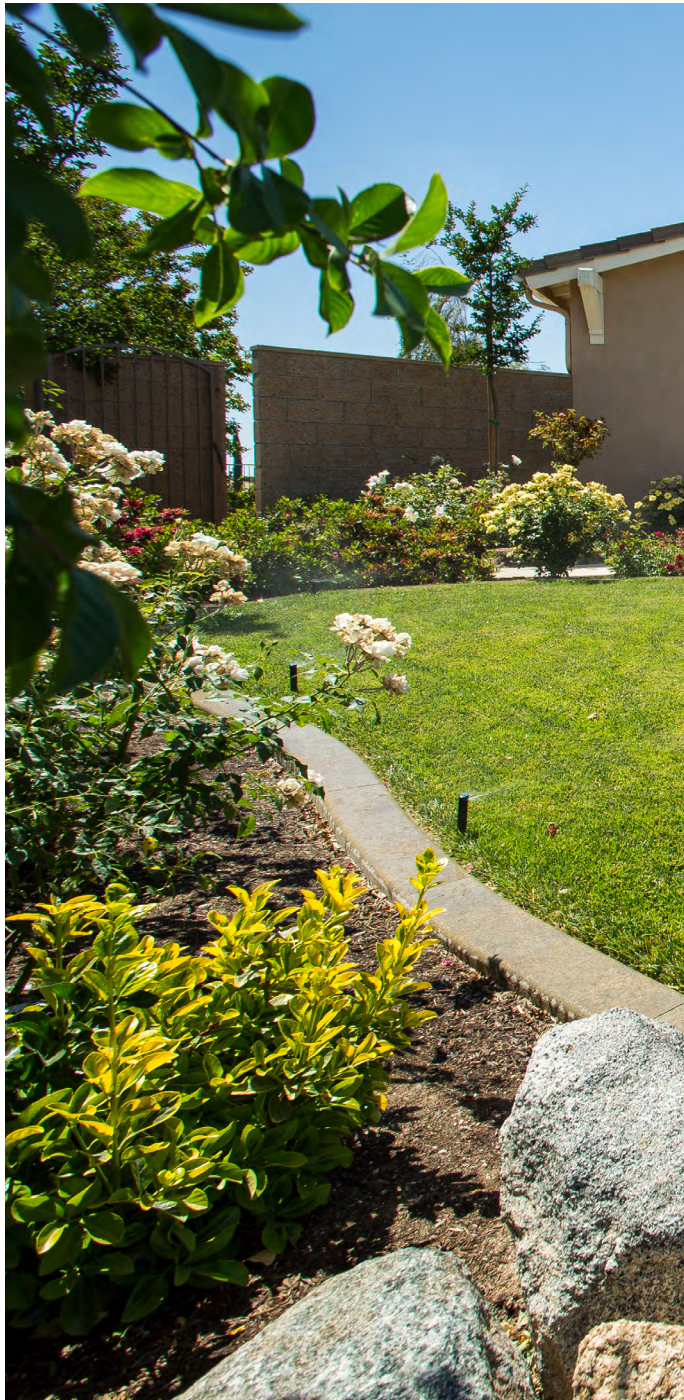


*Synergy*  
with Tune-up Program allowed for increased savings per site.

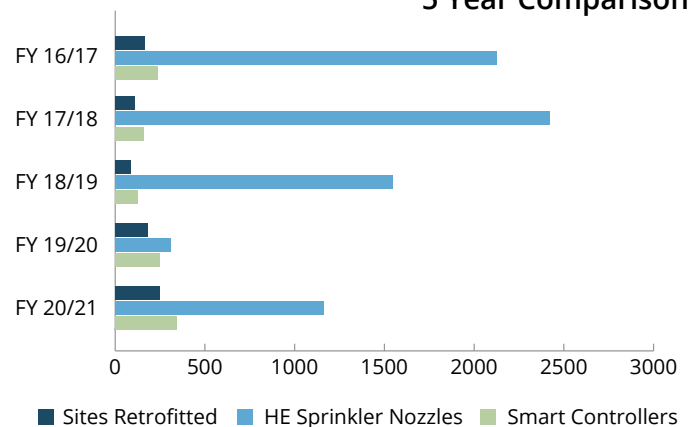
## Large Landscape Retrofit Program Activity

Nozzles installed per site have been low over the last five years, with the lowest totals identified in FY 2019-20. Nozzle retrofits are also likely captured within the Sprinkler Tune-up Program, explaining the drop in the Large Landscape figures.

The first iterations of the Program allowed for replacing nozzles with standard, non-high efficiency nozzles. This new requirement has also likely lowered the number of nozzles replaced.



Large Landscape Retrofits  
5 Year Comparison



	Smart Controllers	HE Sprinkler Nozzles	Sites Retrofitted
FY 2020-21	342	1,164	250
FY 2019-20	248	309	183
FY 2018-19	125	1,544	89
FY 2017-18	159	2,421	108
FY 2016-17	239	2,124	163

### Large Landscape Retrofit Program FY 2020-21 Water Savings

Annual Savings (GPY)	Annual Savings (AF)	Lifetime Savings (AF)
6,283,482	19	168





## Large Landscape Retrofit Program FY 2020-21 Cost and Cost Effectiveness

The Large Landscape Retrofit Program has a higher per acre-foot price than many other IEUA programs; however, it is still below IEUA's avoided cost.

Outside Funding	IEUA Funding	MWD Funding	Total	IEUA Payback (Years)	IEUA Cost per Acre-foot
\$0	\$172,460	\$34,084	\$206,544	10.8	\$1,029



### Large Landscape Retrofit Potential Program Enhancements

-  Offer virtual checkups to review the programming of controllers and the overall performance of the irrigation system to ensure the savings are sustained over time.
-  Target customers who exceed their water budgets or have high water usage. This is one way to increase cost-effectiveness rather than reaching out to the entire service area.

\*All Large Landscape Program data was obtained through IEUA Program vendor invoicing.



# Pressure Regulating Valve Program

Launched as a pilot in June 2016, this Program addresses problems caused by excessive water pressure on the customer side of the meter.

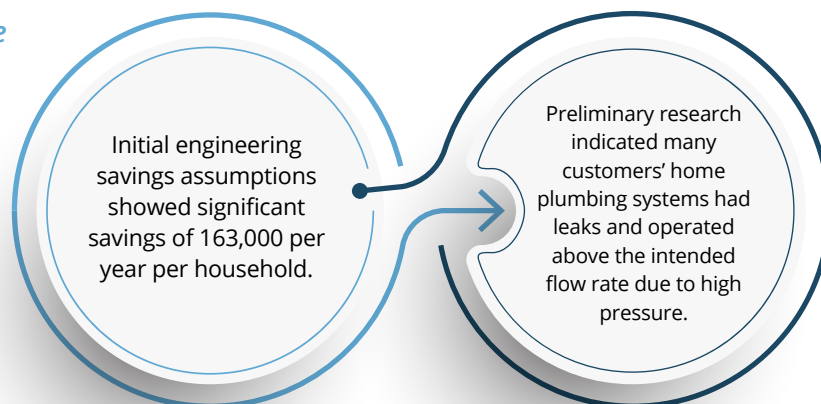
Pressure Regulating Valves (PRV) are installed at the meter, house, and/or at the point of connection for the irrigation system. These valves automatically reduce the high incoming water pressure from water mains to provide a lower, more functional pressure distribution. PRVs ensure that end-use plumbing fixtures and appliances operate at the intended flow rate and reduce the incidence of leaks.

IEUA's program vendor measures the property's water pressure and installs a PRV or adjusts the pressure if it exceeds a baseline of 75 pounds per square inch.

## Pressure Regulation Program Savings FY 2020

Annual Savings (AF)	Lifetime Savings (AF)
4	45

### Why IEUA Implements the Pressure Regulating Valve Program



## NO-COST PROGRAM WATER PRESSURE REGULATION

- FREE SITE VISIT
- FREE WATER PRESSURE TESTING
- FREE REPLACEMENT OF FAILED PRVS
- SAFEGUARD YOUR HOME APPLIANCES
- PROTECT & PRESERVE YOUR EXISTING PIPES
- THIS IS NOT AN EMERGENCY REPLACEMENT PROGRAM.
- THIS IS A REGIONAL PROGRAM PROVIDED THROUGH CITY OF CHINO TO ITS RESIDENTS.



### WHAT IS A PRESSURE REGULATING VALVE?

A Pressure Regulating Valve (PRV) is a plumbing device installed on your water line between the street and your home. It is used to moderate high water pressure for optimal home appliance, pipe, and fixture performance while significantly reducing the likelihood of leaks.

## SIGN UP TODAY!

Contact the City of Chino  
(909) 334-3472

## Pressure Regulating Valve Program FY 2020-21 Accomplishments

In FY 2019-20, Metropolitan completed a study of the water savings following the installation of PRVs at properties within the IEUA service area. The savings were unexpectedly low; however, the Customer Agencies have elected to continue with the Program because of its highly valued customer service. The Program is now provided on a case-by-case basis for a customer experiencing issues with pressure. It has been a great customer service tool for the Customer Agencies to deploy.

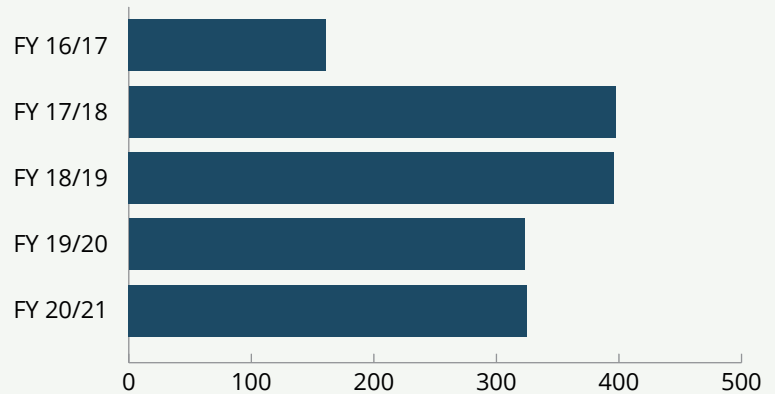


### Pressure Regulating Valve Program Activity

Activity for the program remained stable through FY 2020-21.

	Pressure Regulators installed
FY 2020-21	325
FY 2019-20	323
FY 2018-19	396
FY 2017-18	397
FY 2016-17	161

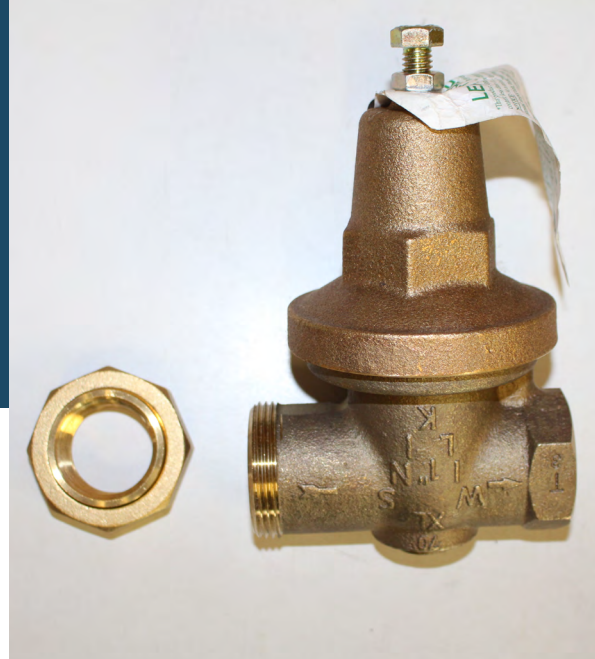
### Pressure Regulating Valve Annual Activity 5 Year Comparison



# Pressure Regulating Valve Program

## FY 2020-21 Water Savings

Annual Savings (GPY)	Annual Savings (AF)	Lifetime Savings (AF)
1,461,662	4	45



### Pressure Regulating Valve Program FY 2020-21 Cost and Cost Effectiveness

At the cost of \$4,061 per acre-foot and a payback of 48.9, the Pressure Regulation Program is not cost-effective.

Outside Funding	IEUA Funding	MWD Funding	Total	IEUA Payback (Years)	IEUA Cost per Acre-foot
\$0	\$182,130	\$8,100	\$190,230	48.9	\$4,061

### Pressure Regulating Valve Potential Program Enhancements

While a study has shown the Pressure Regulation Program to be less cost-effective than other WUE programs, it still serves as a useful customer service resource for Customer Agencies. Recommendations for the Program are as follows:

- Continue to employ the Program to acknowledge that its key value is as a customer service and educational opportunity.
- Leverage customer issues about high-water pressure leading to high water bills to promote other conservation measures.
- Target customers in service areas that are prone to high water pressure.



\*All PRV Program data was obtained through IEUA Program vendor invoicing.





# Leak Detection Incentive Program

Smart leak detection devices can now monitor use, detect anomalies, and alert homeowners of potential leaks. Some devices can even shut off the water when abnormal use is detected, preventing or minimizing water damage in properties. A key benefit to Customer Agencies is the water savings from these proactive programs. Recent studies of leak detection device programs by numerous water agencies show a reduction in water use of 9% to 18%. In those studies, approximately 70% of customers find leaks.

IEUA's Program provides a point of purchase discount for leak detection monitoring devices. Customers install the device themselves, with setup taking less than 15 minutes. The technology works through a sensor that straps around the existing water meter and reads the magnetic signal coming from the meter's mechanical register. The system translates this signal to a flow rate in real-time and provides that data to customers via the vendor's application on their smartphones.

Leak Detection Program Savings FY 2020-21	
Annual Savings (AF)	Lifetime Savings (AF)
10	95

The Program app provides real-time alerts notifying customers of excessively high volume or long-duration water usage. In addition, it allows customers to understand and manage their water usage through user-friendly visuals. Customers can track daily water usage and manage their use against a budget. A new version separates indoor and outdoor water usage, which could be extremely valuable in complying with the new State Framework Legislation.

To purchase a leak detection monitoring device, customers log in to their respective Customer Agency's branded portal, order the device, and the vendor sends it directly to the homeowner. Customers receive an instant discount and pay the amount due directly to the Program vendor. In FY 2020-21, IEUA paid \$160, and the customer paid \$40 plus shipping and tax. The total retail cost is \$200.

## Why IEUA Implements the Leak Detection Incentive Program

The U.S. Environmental Protection Agency states that average household leaks can account for nearly 10,000 gallons of water wasted every year and that 10% of homes have leaks that waste 90 gallons or more per day.



Most leaks go undetected, and customers are unaware water is being wasted for months until they receive an unexpectedly high water bill. Often, even the higher water bill goes unnoticed.

## Leak Detection Incentive Program FY 2020-21 Accomplishments

The Program launched in FY 2019-20 and has since been a popular program. The program will be phased out in FY 2021-22, as the Metropolitan Water District will begin offering a rebate for the technology on [socalwatersmart.com](http://socalwatersmart.com).

Leak Detection Incentive Program Activity		Leak Detection Incentive Program FY 2020-21 Water Savings		
	Leak Detection Devices	Annual Savings (GPY)	Annual Savings (AF)	Lifetime Savings (AF)
FY 2020-21	127	3,104,198	10	95
FY 2019-20	111			

## Leak Detection Incentive Program FY 2020-21 Cost and Cost Effectiveness

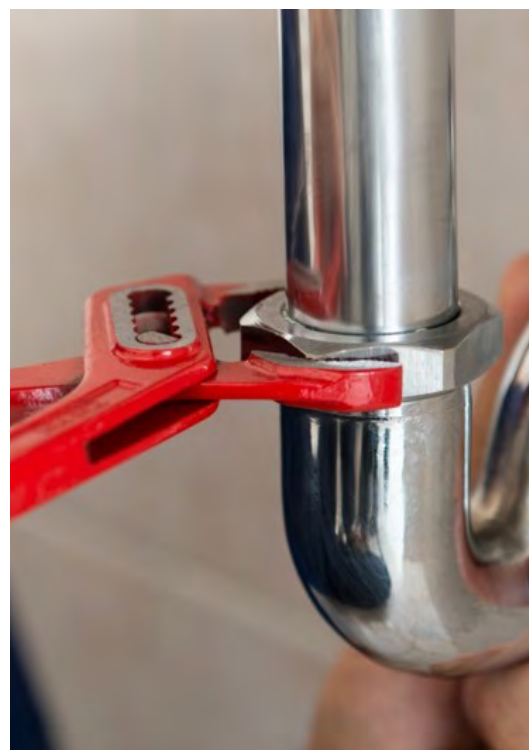
The Leak Detection Program is highly cost-effective at \$101 per acre-foot.

Outside Funding	IEUA Funding	MWD Funding	Total	IEUA Payback (Years)	IEUA Cost per Acre-foot
\$0	\$9,594	\$12,164	\$21,758	1.2	\$101

## Leak Detection Incentive Potential Program Enhancements

With more attention being paid to leak detection by water agencies and customers, the Leak Detection Incentive Program offers a smart solution for Customer Agencies seeking to achieve water savings and comply with new state regulations. Recommendations for this Program are:

- Once the Metropolitan Water District offers a rebate on the technology in FY 2021-22, IEUA may add an additional incentive to increase customer participation.
- Educate Customer Agencies and meter departments on the safety and ease of installation/removal of leak detection monitoring devices.
- Recommend the technology for high bill complaints and target large users.



\*All Leak Detection Program data was obtained through IEUA Program vendor invoicing.

# Landscape Evaluation and Audit Program

Administered by the Chino Basin Water Conservation District (Public Agency), the Landscape Evaluation and Audit Program offers customers a free evaluation of their landscape and irrigation system. The Program is provided to residential, commercial, institutional, and industrial customers.

LEAP Program Savings FY 2020-21

	Annual Savings (AF)	Lifetime Savings (AF)
Residential	0	0
Commercial	50	250
<b>Total</b>	<b>50</b>	<b>250</b>

The audit includes:

- A complete evaluation of the customer's irrigation system.
- Determination of the landscape's water needs.
- Generation of a water budget based on the local evapotranspiration and irrigated landscape area

Customers also receive:

- Water-saving tips.
- Recommendations on how to improve the overall efficiency of their irrigation system.
- Information on rebate opportunities.

## Why IEUA Implements LEAP

Provides cost-effective water savings.

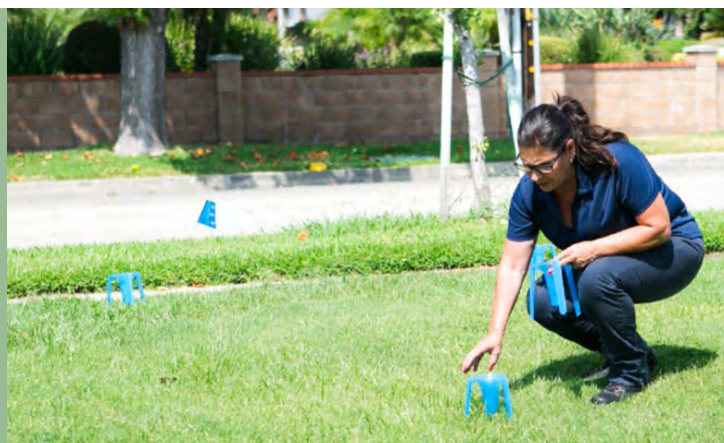
Establishes a relationship with the customer.

Identifies site-specific water-saving opportunities.

Links customer with the most appropriate programs and services.

## LEAP Accomplishments

- CBWCD shifted LEAP's focus to CII customers during the COVID-19 Pandemic to increase program cost-effectiveness and ensure staff and customer safety.
- CBWCD continues to log potential residential program participants to be serviced in FY 2021-22.





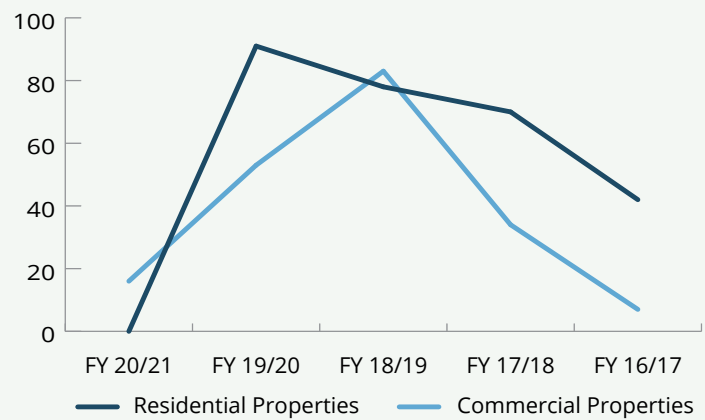
## LEAP Activity

	Residential		Commercial	
	Properties	Acreage	Properties	Acreage
FY 2020-21	0	0	16	16.94

## 6 Year Comparison

	Residential Properties	Commercial Properties
FY 2020-21	0	16
FY 2019-20	91	53
FY 2018-19	78	83
FY 2017-18	70	34
FY 2016-17	42	7

## LEAP Residential & Commercial Annual Activity 5 Year Comparison



## LEAP FY 2020-21 Water Savings

	Annual Savings (GPY)	Annual Savings (AF)	Lifetime Savings (AF)
Residential	0	0	0
Commercial	16,347,144	50.16	250.80



## LEAP FY 2020-21 Cost and Cost Effectiveness

CBWCD administers the LEAP program at a minimal cost to IEUA. This is because CBWCD receives independent funding through a property tax collected from customers within its service area or “sphere of influence.” Because CBWCD’s service area overlaps with IEUA’s, CBWCD provides LEAP without cost to program participants in the CBWCD service area. CBWCD only bills IEUA for customers who fall outside the CBWCD service area.



Outside Funding	IEUA Funding	MWD Funding	Total	IEUA Payback (Years)	IEUA Cost per Acre-foot
\$3,906	\$118	\$440	\$4,464	0.03	\$0.47

## LEAP Potential Program Enhancements

LEAP provides valuable information and expertise to homeowners, property managers, homeowner associations, institutional managers, and others about ways to use water more efficiently. Recommendations for this Program include:

- Conduct personalized follow-up to verify that recommendations have been implemented and assist customers in making upgrades and receiving incentives will help ensure water savings.
- Continue to focus on CII and HOA customers to improve cost-effectiveness and increase savings.
- Work with Customer Agencies to identify a target list of top users.
- Offer single-family evaluations to high water bill accounts and large landscape customers over their water budget allocations.
- Provide comprehensive concierge-type customer service for CII and HOA customers to improve project completion rates. Examples include helping customers present projects to HOA Boards, receiving bids, applying for incentives, etc.
- Consider new DIY online irrigation resources for homeowners.



\*All Landscape Evaluation Program data was obtained through IEUA Program vendor invoicing.

# Landscape Design Assistance Program

Customers can receive landscape design services free of charge through a collaboration between CBWCD, IEUA, and its Customer Agencies. This service has a market value of approximately \$500.

Participants are required to attend a two-hour “What You Need to Know Before Your Landscape Transformation” class before they become eligible to register for the Landscape Design Assistance Program. The class provides an overview of information homeowners need to know to succeed with a turf replacement project, whether they are doing the work themselves or hiring a contractor.

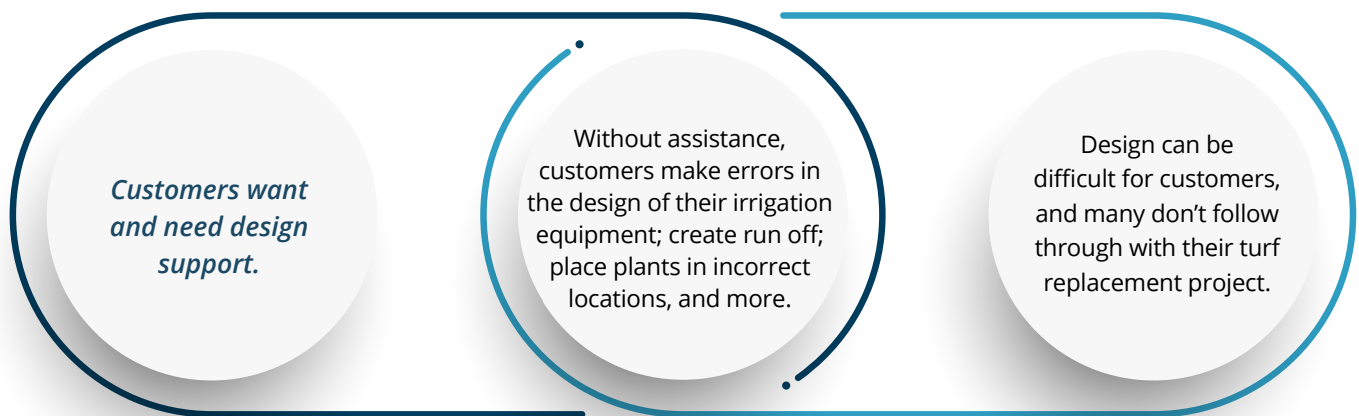
After attending the class, a CBWCD staff member provides one-on-one consultations with participants. Customers discuss goals for their landscape area and then work with staff to create a computer-generated design for the landscape project.

Following the consultation, CBWCD staff complete the design and create a custom plant list with the names and information about each plant selected for the designed landscape. Customers also receive a list of resources, including sources for plants and other landscape materials.

Completed Designs	19
In Progress Projects	13
Completed Projects	6
Percent Complete	32%



## Why IEUA Implements the Landscape Design Assistance Program



### Landscape Design Assistance Program Accomplishments



Project completion rates increased by 7% in FY 2020-21. Two changes led to this success. First, commitment increased when customers were asked to provide a \$100 refundable deposit for participation instead of \$50. Second, CBWCD now requires attendance at one of its monthly Landscape Transformation Basics classes. Through all applications received in FY 2020-21, the region may see up to 23,722 sq. ft of landscapes transformed to a water-wise alternative.



## Landscape Design Assistance Program Activity and Costs

Like LEAP, CBWCD administers the Landscape Design Assistance Program at a minimal cost to IEUA. CBWCD receives independent funding for those customers in its service area. CBWCD only bills IEUA for customers who fall within the IEUA service area but outside the CBWCD service area.



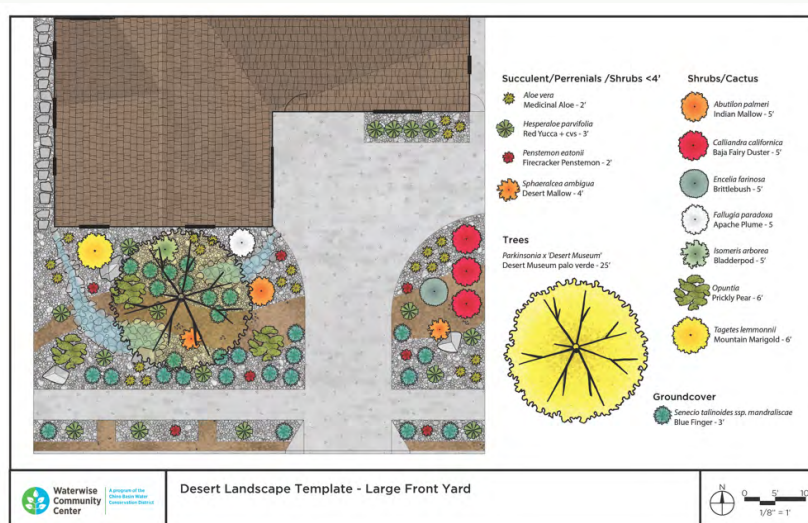
Customer Agency	Sites	Square Feet	Cost
City of Chino	4	3,629	\$0
City of Chino Hills	7	8,038	\$1,840
Cucamonga Valley Water District	2	3,316	\$0
Fontana Water Company	2	2,691	\$451
Monte Vista Water District	2	2,291	\$0
City of Ontario	1	885	\$0
San Antonio Water Company	0	0	\$0
City of Upland	1	2,872	\$0
West Valley Water District	0	0	\$0
<b>Total</b>	<b>19</b>	<b>23,722</b>	<b>\$2,255</b>

## Landscape Design Assistance Potential Program Enhancements

This popular Program takes time and expertise to implement. Suggestions for streamlining it include:



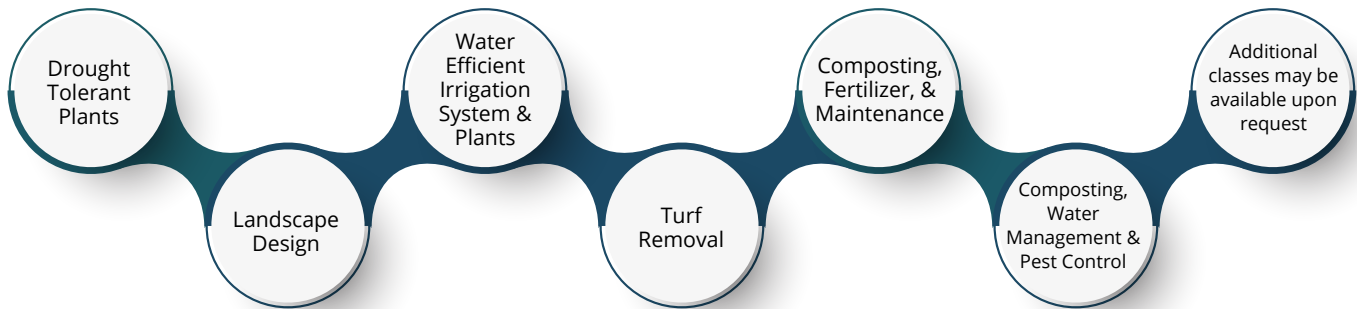
Develop a do-it-yourself option based on online resources that anyone can access at no cost. This resource would reach more customers and also reduce the number who need a customized design.



\*All Landscape Design Program data was obtained through IEUA Program vendor invoicing.

# Landscape Workshops

In this series of courses, residential landscapers learn the latest ways to reduce their property's landscape water usage. The courses cover the basics of efficient irrigation systems, the benefits of properly watering and fertilizing landscaping, landscape design techniques, and plant selections. Workshop topics include:



## Landscape Workshop Results

Six online workshops were held in FY 2020-21. Despite the ongoing COVID-19 Pandemic, CVWD did not experience a decline in its workshop interest.

Customer Agency	Class Description	# of Classes
Cucamonga Valley Water District	Succulent Savvy Songbird and Butterfly Gardening Pruning and Maintenance Rainwater Harvesting DIY Raised Beds/ Vegetable Gardening DIY- Find and Fix Leaks	6
	Total	6

## Landscape Workshop Potential Enhancements

No-cost workshops bring value to customers and create opportunities to introduce people to a wide range of water efficiencies they may not have considered before. Recommendations for improving these workshops include:

- Conduct personalized follow-up with participants to understand customer needs and assist customers in making upgrades.
- More actively promote workshops among customers throughout the service area.



\*All program data was obtained through vendor invoicing

# Locally Funded Programs

In addition to regionally administered programs, IEUA provides funding for local programs, activities, and support tools. These programs include:

## IEUA's Customer Agency Administered Program

Initially launched in FY 2016-17, the Customer Agency Administered Program provides funding for locally implemented WUE projects that demonstrate water savings. Customer Agencies submit proposals that include a project scope of work, estimated water savings, and cost. Proposed projects may not be duplicative of existing regional programs. There were no proposed projects to report over fiscal year 2020-21.



## IEUA's Best Management Support Grant

Each year IEUA allocates funding to support customer agency specific WUE activities. Each Customer Agency can receive a \$2,000 grant that supports various activities and items such as special events, customer surveying, purchasing of outreach materials, conservation devices, and vehicle magnets. Over the last fiscal year, IEUA awarded four grants to Customer Agencies representing a total of \$8,000. Below is a list of the four customer agency grants.



Customer Agency	Funding Description	Amount
City of Chino	CADC Landscape Area Measurement Assessment Tool	\$2,000.00
City of Chino Hills	High-Efficiency Clothes Washer Rebate Incentive	\$2,000.00
Cucamonga Valley Water District	Earth Day Event	\$2,000.00
Monte Vista Water District	Succulent Workshop Promotional Items	\$2,000.00
Total		\$8,000.00

\*All program data was obtained through customer agency reporting



## School and Education Programs

IEUA also provides regional educational and outreach programs. Current regional education and outreach programs include the following:



Customer Agency	Schools	Students
Chino	2	1,100
Chino Hills	5	2,640
CVWD	4	1,848
Fontana	8	2,956
MVWD	5	2,392
Ontario	10	5,315
Upland	4	1,800
<b>Total</b>	<b>38</b>	<b>18,051</b>

### National Theatre for Children

National Theatre for Children (NTC) delivers a behavior-driven, multiplatform, in-school water education curriculum for students and teachers in grade levels K-6. Through live theatre, a student curriculum, and teacher guides, the custom-designed program teaches students about the uses of water, the importance of water, ways to conserve, and ways water gets polluted. Due to the COVID-19 pandemic, NTC began offering virtual school performances in FY 2020-21. The live stream performances provided a remote interactive and safe learning experience while providing digital copies of teacher toolkits and student activities. Over the fiscal year 2020-21, NTC conducted 16 live stream performances reaching 38 elementary schools and 18,051 students throughout the IEUA service area.

### Teacher Feedback

*"My Kindergarten students were engaged the entire time. Great production!"* – Chino, CA.

*"I loved the energy of all of the characters!"*  
– Chino Hills, CA.

*"I enjoyed this, and my kids liked it too."*  
– Fontana, CA.

*"Even though we experienced this as a live stream through remote learning, students seemed to enjoy the show, and parents commented that they were grateful for the educational messages delivered throughout the performance. Thank you!"*  
– Rancho Cucamonga, CA.

*"Thank you for this virtual performance. My students and I enjoyed it as we watched it together virtually. It also generated a lot of class discussion on ways to save water."* – Ontario, CA.

*"The students enjoyed the program and were engaged and asking questions."* – Upland, CA.

\*All National Theater for Children Program data was obtained through IEUA Program vendor invoicing.

## Garden in Every School® Program

Each year, the Garden in Every School Program awards either a \$4,500 grant for up to four schools to establish a new water-wise garden or a \$1,000 mini-grant to participating schools to support the sustainability of existing gardens. Due to school closures during the COVID-19 Pandemic, IEUA plans to complete FY 2020-21 programming by administering a mini-grant exclusive year. All past participating schools can apply for a \$1,000 mini-grant to help restore their garden.

IEUA's External Affairs department also worked with Loving Savior of the Hills in Chino Hills and Randall Pepper Elementary in Fontana, two schools whose gardens were put on hold in FY 2020-21. These schools are anticipated to be completed in FY 2021-22.



Image taken prior to COVID-19 pandemic.



## Water Discovery Field Trip Program

Before the COVID-19 Pandemic, IEUA provided free educational field trips to schools at the Chino Creek Wetlands and Educational Park to promote public understanding of the value of natural treatment wetlands, the creation of habitat for endangered/sensitive species, and environmental stewardship. 1,734 Girl Scouts, Boy Scouts, elementary and high school students took part in the Water Discovery Field Trip Program before March 2020 before health precautions following the onset of the Pandemic required a shift to virtual programming, prompting the launch of Owl's Virtual Adventures in April 2020.

Owl's Virtual Adventures is an award-winning program featuring Wally's Water Conservation Camp, virtual field trips, our Water Scout Badge Program, a series of At-Home Activities from our popular Water Discovery Field Trip Program, and how-to videos on YouTube. Each Program demonstrates a commitment to educating children about the importance of water resources, water-use efficiency methods, and the environment.

Since the Program's inception, approximately 1,300 students have participated in a virtual field trip, and program resources have been accessed over 1,100 times.





## IEUA's Regional "Water is Life" Student Art/Poster Contest

IEUA hosts its annual "Water is Life" student art poster contest for grades K-12. The theme "Water is Life" has been used to help students express their creativity while focusing on the importance of water. In FY 2020-21, IEUA received 156 entries. The top five winners from each category (K-5; 6-8; 9-12) were entered in Metropolitan's regional contest. Two winners were chosen from IEUA's service area: Cindy Rouqi Li (6th grade-Wickman Elementary—Chino Hills) and Ashley Zamora (11th grade-Ayala High School—Chino Hills). The winners' artwork will be featured in Metropolitan's 2021-22 "Water is Life" calendar.



Winner: Ashley Zamora



Winner: Cindy Rouqi Li

## The Solar Cup Competition

Originally held at Metropolitan's Lake Skinner reservoir in Temecula Valley, Solar Cup™ 2020-21 followed a similar format to Solar Cup™ 2019-20 due to health precautions related to the COVID-19 Pandemic. The reimagined Solar Cup™ 2.0 consisted of 12 virtual challenges designed to be completed as a team or individually.



Typically, the Program lasts seven months and provides high school students with the opportunity to build, design, and race solar-powered boats. The competition includes writing technical reports, creating social media campaigns, and developing and implementing a strategy to build a boat powered by solar panels, traditionally concluding with a boat racing competition at Lake Skinner.



Solar Cup™ 2.0 challenges focused on virtual design and development, report writing, webinars, and more. Teams also produced videos with uplifting messages for the public service message portion of the challenge.

The Chino Hills High School team, co-sponsored by IEUA and the city of Chino Hills, were recognized at Metropolitan Water District's Awards Ceremony in June of 2021, winning a total of nine awards.

## Community Outreach

IEUA participated in the following community outreach activities in coordination with Customer Agencies:

- Fix A Leak Week Leak Detection Kit Giveaway
- Virtual Earth Day
- Smart Irrigation Month Hose Nozzle Giveaway



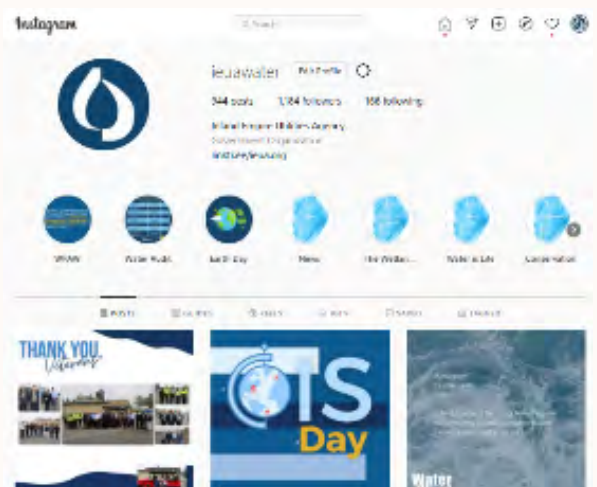
## Virtual Earth Day

Every year, IEUA and the City of Chino co-host a two-day Earth Day Celebration event for students and the community at the Chino Creek Wetlands and Educational Park. Due to the state of the environment and physical distancing requirements put in place from the COVID-19 Pandemic, IEUA and the City of Chino presented “Virtual Earth Day,” a week-long virtual event that provided attendees the opportunity to explore the Chino Creek Wetlands and Educational Park via an interactive and immersive, 360° platform. This platform substituted all aspects of the Agency’s usual in-person event as students and members of the community were able to take part in educational activities, navigate through resources provided by external vendors, learn about our environmental resources and how to protect them, enjoy an environmental show, and participate in opportunities for free giveaways.

The convenience of the week-long event was enhanced by its 24/7 accessibility, providing users the freedom to log on and off as their schedules allowed them. The event generated over 5,000 page views and reached over 500 students within one week.

## IEUA’s Social Media Outreach

Communicating with our customers and community means meeting them where they are. IEUA’s social media platforms allow IEUA to provide up-to-the-minute information on events, news, education programs, drought updates, water-wise tips, park updates, and wildlife facts. IEUA offers these updates via Facebook, YouTube, Twitter, Instagram, LinkedIn, Nextdoor, two educational blogs, and, most recently, education newsletters. IEUA’s social media pages promote blog content, and education newsletters are sent directly to IEUA’s subscriber list via email. Both are also accessible on IEUA’s website.



## Water Education - Water Awareness Committee

The Water Education - Water Awareness Committee (WEWAC) promotes the importance of water conservation in southern California through coordination and participation in community outreach projects and providing grant-funded opportunities for local educators. Projects include hosting booths at local resource and educational fairs, conducting water education workshops at local primary and secondary schools, offering grant and scholarship opportunities for educators and students, sponsoring an annual water conservation video contest, and sponsoring a broadcast media digital art contest.

## IEUA Automatic Water Softener Rebate Program

IEUA's Automatic Water Softener Rebate Program removes self-regenerating water softeners from residences within IEUA's service area. Customers are incentivized with a rebate of up to \$2,000. For FY 2020-21, 18 water softeners have been removed, and customers have received \$8,367.11 in incentives. Throughout the Program, 923 water softeners have been removed, and \$540,542.53 in incentives has been paid to program participants. The removal of these devices will save approximately 17.562 acre-feet of water per year, in addition to the removal of more than 213.213 tons of salt.

\*All IEUA Education and Outreach data was obtained through IEUA Program vendor invoicing and IEUA External Affairs Department reporting.



# Appendix A -

Regional Water Use Efficiency Programs  
Summary Charts

# IEUA Regional Conservation Programs Annual Report

## Summary Charts

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				IEUA Payback Period (years)
					Outside Funding	IEUA	MWD	Total	
<b>FY 2020-2021</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	140	1,122,400	3	69	\$0	\$8,400	\$5,600	\$14,000	2.9
High Efficiency Clothes Washers (HECW)	980	11,018,679	34	473	\$2,610	\$73,500	\$83,300	\$159,410	2.6
Rotating Nozzles for Pop-up Spray Heads (73 Apps/ 3,393 Nozzles)	73	4,865,426	15	75	\$0	\$10,179	\$6,786	\$16,965	0.8
Weather based Irrigation Controllers (WBIC)	586	7,906,464	24	243	\$0	\$46,880	\$46,534	\$93,414	2.3
Hose Bib Controller	7	94,445,820	0	3	\$0	\$0	\$245	\$245	0.0
Turf Replacement (165,414 sq. ft.)	101	9,924,840	30	914	\$17,151	\$165,056	\$327,288	\$509,495	6.5
Rain Barrels	19	11,765	0	0	\$0	\$0	\$665	\$665	0.0
Cisterns	1	2,477	0	0	\$0	\$0	\$300	\$300	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
Landscape Tune-Up Program	1,153	87,176,946	267	535	\$0	\$250,015	\$172,800	\$422,815	1.1
Residential Landscape Retrofit Program (342 WBIC / 1164 Nozzles)	250	6,283,482	19	168	\$0	\$172,460	\$34,084	\$206,544	10.8
Res. Education, Survey, and Controller Upgrade Program (802 WBIC)	724	10,820,793	33	332	\$0	\$277,119	\$185,692	\$462,811	10.0
Residential Pressure Regulation Program	325	1,461,662	4	45	\$0	\$182,130	\$8,100	\$190,230	48.9
Leak Detection Pilot Program	127	3,104,198	10	95	\$0	\$9,594	\$12,164	\$21,758	1.2
<b>Subtotal</b>	<b>4,486</b>	<b>143,793,577</b>	<b>441</b>	<b>2951</b>	<b>\$19,761</b>	<b>\$1,195,332</b>	<b>\$883,558</b>	<b>\$2,098,651</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	1	8,017	0	0	\$0	\$60	\$40	\$100	2.9
Waterless Urinals	2	79,976	0	5	\$0	\$400	\$400	\$800	2.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	58	243,838	1	7	\$0	\$870	\$2,030	\$2,900	1.4
Rotating Nozzles for Pop-up Spray Heads (1 App/ 77 Nozzles)	1	110,415	0	2	\$0	\$231	\$154	\$385	0.8
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	4	16,816	0	1	\$0	\$60	\$140	\$200	1.4
Laminar Flow Restrictor	191	1,431,679	4	22	\$0	\$1,910	\$1,910	\$3,820	0.5
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Replacement (358,828 sq. ft.)	23	15,429,604	47	1,420	\$53,509	\$252,228	\$504,456	\$810,193	6.4
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	22	30,113	0	1	\$0	\$110	\$110	\$220	1.4
<b>Subtotal</b>	<b>302</b>	<b>17,350,459</b>	<b>53</b>	<b>1,458</b>	<b>\$53,509</b>	<b>\$255,869</b>	<b>\$509,240</b>	<b>\$818,618</b>	
<b>TOTAL</b>	<b>4,788</b>	<b>161,144,036</b>	<b>494</b>	<b>4,409</b>	<b>\$73,270</b>	<b>\$1,451,201</b>	<b>\$1,392,798</b>	<b>\$2,917,269</b>	

$$^{(1)} \text{ Payback period} = \frac{\text{Total IEUA direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

<b>IEUA/CBWCD Landscape Evaluation Program</b>									
Residential, Commercial, Industrial, and Institutional Audits	16	16,347,144	50	251	\$3,906	\$118	\$440	\$4,464	0.0
<b>TOTAL</b>	<b>4,804</b>	<b>177,491,180</b>	<b>546</b>	<b>4,659</b>	<b>\$77,176</b>	<b>\$1,451,319</b>	<b>\$1,393,238</b>	<b>\$2,921,733</b>	



# IEUA Regional Conservation Programs Annual Report

## Summary Charts

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				IEUA Payback Period (years)
					Outside Funding	IEUA	MWD	Total	
<b>FY 2019-2020</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	521	4,176,930	13	256	\$0	\$31,260	\$20,840	\$52,100.00	2.9
High Efficiency Clothes Washers (HECW)	429	4,823,483	15	207	\$1,580	\$32,175	\$36,465	\$70,220.00	2.6
Rotating Nozzles for Pop-up Spray Heads (27 Apps/ 1,275 Nozzles)	27	1,828,299	6	28	\$0	\$3,825	\$2,550	\$6,375.00	0.8
Weather based Irrigation Controllers (WBIC)	578	7,798,526	24	239	\$0	\$46,240	\$46,240	\$92,480.00	2.3
Turf Replacement (184,286 sq. ft.)	123	7,924,298	24.3151	243	\$18,223	\$152,332	\$360,644	\$531,198.50	7.5
Rain Barrels	9	5,573	0	0	\$0	\$0	\$315	\$315.00	0.0
Cisterns	0	0	0	0	\$0	\$0	\$0	\$0.00	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0.00	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
Landscape Tune-Up Program	450	34,023,960	104	209	\$0	\$94,603	\$69,786	\$164,389	1.1
Residential Landscape Retrofit Program (248 WBIC / 309 Nozzles)	183	3,789,174	12	109	\$2,976	\$71,143	\$72,210	\$146,329	7.4
Res. Education, Survey, and Controller Upgrade Program (474 WBIC)	429	6,395,331	20	196	\$0	\$186,171	\$96,096	\$282,267	11.4
Residential Pressure Regulation Program	323	1,452,667	4	45	\$0	\$99,932	\$77,242	\$177,174	27.0
Leak Detection Pilot Program	111	2,713,118	8	83	\$0	\$19,017	\$0	\$19,017	2.8
<b>Subtotal</b>	<b>3,183</b>	<b>74,931,359</b>	<b>230</b>	<b>1616</b>	<b>\$22,778</b>	<b>\$736,697</b>	<b>\$782,388</b>	<b>\$1,541,863</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	1,539	12,338,378	38	757	\$0	\$92,340	\$61,560	\$153,900	2.9
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	88	369,962	1	11	\$0	\$1,320	\$3,080	\$4,400	1.4
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	2,261	16,947,778	52	260	\$0	\$22,610	\$22,610	\$45,220	0.5
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Replacement (28 Apps)	28	13,707,454	42	421	\$89,866	\$157,306	\$611,556	\$858,728	4.5
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	360	492,761	2	15	\$0	\$1,800	\$1,800	\$3,600	1.4
<b>Subtotal</b>	<b>4,276</b>	<b>43,856,333</b>	<b>135</b>	<b>1,464</b>	<b>\$89,866</b>	<b>\$275,376</b>	<b>\$700,606</b>	<b>\$1,065,848</b>	
<b>TOTAL</b>	<b>7,459</b>	<b>118,787,691</b>	<b>364</b>	<b>3,081</b>	<b>\$112,644</b>	<b>\$1,012,073</b>	<b>\$1,482,994</b>	<b>\$2,607,711</b>	

$$^{(1)} \text{ Payback period} = \frac{\text{Total IEUA direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

<b>IEUA/CBWCD Landscape Evaluation Program</b>									
Residential, Commercial, Industrial, and Institutional Audits	144	13,863,786	43	213	\$15,937	\$9,697	\$9,810	\$35,444.00	0.3
<b>TOTAL</b>	<b>7,603</b>	<b>132,651,477</b>	<b>408</b>	<b>3,292</b>	<b>\$128,581</b>	<b>\$1,021,770</b>	<b>\$1,492,804</b>	<b>\$2,643,155</b>	

# IEUA Regional Conservation Programs Annual Report

## Summary Charts

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				IEUA Payback Period (years)
					Outside Funding	IEUA	MWD	Total	
<b>FY 2018-2019</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	148	1,186,537	4	73	0	8,880	5,920	14,800	3.1
High Efficiency Clothes Washers (HECW)	695	7,814,267	24	336	0	52,125	59,075	111,200	2.7
Rotating Nozzles for Pop-up Spray Heads (51 Apps/ 2,465 Nozzles)	51	3,534,204	11	54	0	7,395	4,930	12,325	0.9
Weather based Irrigation Controllers (WBIC)	562	7,582,650	23	233	0	44,960	44,960	89,920	2.4
Turf Removal (71,257 Sq. Ft.)	57	3,064,051	9	94	2,985	60,340	119,167	182,492	8.0
Rain Barrels	15	9,288	0	0	0	0	525	525	0.0
Cisterns	4	0	0	0	0	0	1,200	1,200	0.0
Soil Moisture Sensor Systems	1	13,492	0	0	0	0	80	80	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
Landscape Tune-Up Program (125 Small/ 38 Large)	163	N/A	N/A	N/A	88,227	0	0	88,227	0.0
Residential Landscape Retrofit Program (125 WBIC / 1,544 Nozzles)	89	7,991,003	25	91	40,231	0	41,873	82,103	0.0
Res. Education, Survey, and Controller Upgrade Program (256 WBIC)	234	3,454,019	11	106	0	97,885	59,994	157,880	11.6
Residential Pressure Regulation Program	396	15,228,655	47	467	0	105,025	100,907	205,932	2.8
<b>Subtotal</b>	<b>2,415</b>	<b>49,878,166</b>	<b>153</b>	<b>1454</b>	<b>\$131,443</b>	<b>\$376,611</b>	<b>\$438,631</b>	<b>\$946,684</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	506	4,056,673	12	249	0	30,360	20,240	50,600	3.1
Waterless Urinals	0	0	0	0	0	0	0	0	0.0
Cooling Tower Controller	2	419,759	1	6	0	750	1,250	2,000	0.7
Weather Based Irrigation Controllers (WBIC)	59	248,042	1	8	0	885	2,065	2,950	1.5
Rotating Nozzles for Pop-up Spray Heads (1 App/ 231 Nozzles)	1	0	0	0	0	3	2	5	0.0
Large Rotary Nozzles	0	0	0	0	0	0	0	0	0.0
Central Computerized Irrigation Controller	0	0	0	0	0	0	0	0	0.0
Laminar Flow Restrictor	0	0	0	0	0	0	0	0	0.0
Air-Cooled Ice Machine	0	0	0	0	0	0	0	0	0.0
Turf Removal (19,801 Sq. Ft.)	5	847,795	3	26	0	18,275	39,602	57,877	8.8
Soil Moisture Sensor Systems	0	0	0	0	0	0	0	0	0.0
Plumbing Flow Control	547	748,723	2	23	0	2,735	2,735	5,470	1.5
<b>Subtotal</b>	<b>1,120</b>	<b>6,320,992</b>	<b>19</b>	<b>312</b>	<b>\$0</b>	<b>\$74,653</b>	<b>\$65,894</b>	<b>\$140,547</b>	
<b>TOTAL</b>	<b>3,535</b>	<b>56,199,158</b>	<b>172</b>	<b>1,766</b>	<b>\$131,443</b>	<b>\$451,264</b>	<b>\$504,525</b>	<b>\$1,087,231</b>	

$$^{(1)} \text{ Payback period} = \frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

<b>IEUA/CBWCD Landscape Evaluation Program</b>									
Residential, Commercial, Industrial, and Institutional Audits	161	36,781,074	113	564	\$0.00	\$7,272	\$15,453	\$22,725.00	0.1
<b>TOTAL</b>	<b>3,696</b>	<b>92,980,232</b>	<b>285</b>	<b>2,331</b>	<b>\$131,443</b>	<b>\$458,536</b>	<b>\$519,978</b>	<b>\$1,109,956</b>	

# IEUA Regional Conservation Programs Annual Report

## Summary Charts

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2017-2018</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	705	5,652,084	17	347	0	42,300	28,200	70,500	5.3
High Efficiency Clothes Washers (HECW)	923	10,377,797	32	446	0	59,995	78,455	138,450	5.6
Rotating Nozzles for Pop-up Spray Heads (170 Apps/ 13,442 Nozzles)	13,442	19,272,442	59	296	0	40,326	26,884	67,210	1.5
Weather based Irrigation Controllers (WBIC)	311	4,101,647	13	126	0	21,770	24,880	46,650	4.8
Turf Removal (0 Sq. Ft.)	0	0	0	0	0	0	0	0	0.0
Rain Barrels	19	10,527	0	0	0	0	665	665	26.7
Cisterns	35	0	0	0	0	0	10,500	10,500	0.0
Soil Moisture Sensor Systems	0	0	0	0	0	0	0	0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	2,526	3,622,183	11	56	0	3,877	5,052	8,929	1.0
Residential Landscape Retrofit Program (159 WBIC / 2,421 Nozzles)	108	5,616,235	17	129	51,732	2,069	49,663	103,464	7.8
Residential Education, Survey, and Controller Upgrade Program	145	2,307,176	7	71	0	85,869	16,356	102,225	18.7
Residential Pressure Regulation Program	397	15,267,111	47	468	0	96,999	86,018	183,017	5.1
<b>Subtotal</b>	<b>18,611</b>	<b>66,227,202</b>	<b>203</b>	<b>1938</b>	<b>\$51,732</b>	<b>\$353,205</b>	<b>\$326,673</b>	<b>\$731,610</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	747	5,988,804	18	368	0	44,820	29,880	74,700	5.3
Waterless Urinals	0	0	0	0	0	0	0	0	0.0
Cooling Tower Controller	0	0	0	0	0	0	0	0	0.0
Weather Based Irrigation Controllers (WBIC)	47	197,593	1	6	0	0	0	0	0.0
Rotating Nozzles for Pop-up Spray Heads (12 Apps/ 14,870 Nozzles)	14,870	21,322,985	65	327	0	29,740	29,740	59,480	1.2
Large Rotary Nozzles	0	0	0	0	0	0	0	0	0.0
Central Computerized Irrigation Controller	0	0	0	0	0	0	0	0	0.0
Laminar Flow Restrictor	0	0	0	0	0	0	0	0	0.0
Air-Cooled Ice Machine	1	50,189	0	2	0	1,000	1,000	2,000	16.8
Turf Removal (0 Sq. Ft.)	0	0	0	0	0	0	0	0	0.0
Soil Moisture Sensor Systems	0	0	0	0	0	0	0	0	0.0
Plumbing Flow Control	1,363	1,865,647	6	45	0	13,630	6,815	20,445	4.6
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	14,050	19,480,086	60	299	0	40,077	28,100	68,177	1.5
<b>Subtotal</b>	<b>31,078</b>	<b>48,905,304</b>	<b>150</b>	<b>1,046</b>	<b>\$0</b>	<b>\$129,267</b>	<b>\$95,535</b>	<b>\$224,802</b>	
<b>TOTAL</b>	<b>49,689</b>	<b>115,132,505</b>	<b>353</b>	<b>2,985</b>	<b>\$51,732</b>	<b>\$482,472</b>	<b>\$422,208</b>	<b>\$956,412</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

<b>IEUA/CBWCD Landscape Evaluation Program</b>									
Residential, Commercial, Industrial, and Institutional Audits	104	9,816,108	30	151	\$0.00	\$15,525	\$9,300	\$24,825.00	1.1
<b>TOTAL</b>	<b>49,793</b>	<b>124,948,613</b>	<b>383</b>	<b>3,135</b>	<b>\$51,732</b>	<b>\$497,997</b>	<b>\$431,508</b>	<b>\$981,237</b>	



# IEUA Regional Conservation Programs Annual Report

## Summary Charts

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2016-2017</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	3,444	27,611,030	85	1,694	\$0	\$249,565	\$137,500	\$387,065	6.1
High Efficiency Clothes Washers (HECW)	690	7,758,050	24	333	\$0	\$14,205	\$58,565	\$72,770	4.1
Rotating Nozzles for Pop-up Spray Heads	4,555	6,530,706	20	100	\$0	\$1,260	\$1,961	\$3,221	0.2
Weather based Irrigation Controllers (WBIC)	334	4,506,415	14	138	\$0	\$9,599	\$26,952	\$36,551	3.6
Turf Removal (255,091 Sq. Ft.)	166	10,807,440	33	332	\$0	\$0	\$478,360	\$478,360	19.4
Rain Barrels	275	170,283	1	3	\$0	\$0	\$19,980	\$19,980	51.4
Cisterns	1	0	0	0	\$0	\$0	\$300	\$300	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	2,948	4,227,314	13	65	\$0	\$4,770	\$5,896	\$10,666	1.1
Residential Landscape Retrofit Program (239 WBIC / 2,124 Nozzles)	163	6,270,381	19	146	\$75,673	\$2,314	\$73,359	\$151,347	10.6
Residential Education, Survey, and Controller Upgrade Program	153	2,064,316	6	63	\$0	\$66,463	\$28,228	\$94,690	20.1
Residential Pressure Regulation Program	161	2,866,616	13	130	\$0	\$23,821	\$26,244	\$50,065	5.2
<b>Subtotal</b>	<b>12,890</b>	<b>72,812,551</b>	<b>228</b>	<b>3,004</b>	<b>\$75,673</b>	<b>\$371,997</b>	<b>\$857,344</b>	<b>\$1,305,014</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	611	4,898,473	15	301	\$0	\$29,170	\$65,350	\$94,520	8.5
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	2	419,696	1	6	\$0	\$290	\$1,750	\$2,040	2.1
Weather Based Irrigation Controllers (WBIC)	139	584,371	2	18	\$0	\$36,139	\$158,628	\$194,767	146.0
Rotating Nozzles for Pop-up Spray Heads	5,175	7,420,743	23	114	\$0	\$10,350	\$10,350	\$20,700	1.2
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	1	50,189	0	2	\$0	\$1,000	\$1,000	\$2,000	17.5
Turf Removal (637,916 Sq. Ft.)	22	27,026,587	83	829	\$0	\$100,878	\$732,615	\$833,493	13.5
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	1,191	1,630,217	5	50	\$0	\$5,955	\$5,955	\$11,910	3.2
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	4,090	5,331,724	16	82	\$0	\$12,270	\$8,180	\$20,450	1.7
<b>Subtotal</b>	<b>11,231</b>	<b>47,362,000</b>	<b>145</b>	<b>1,401</b>	<b>\$0</b>	<b>\$196,052</b>	<b>\$983,828</b>	<b>\$1,179,880</b>	
<b>TOTAL</b>	<b>24,121</b>	<b>120,174,550</b>	<b>373</b>	<b>4,406</b>	<b>\$75,673</b>	<b>\$568,049</b>	<b>\$1,841,172</b>	<b>\$2,484,894</b>	

$$^{(1)} \text{ Payback period} = \frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

<b>IEUA/CBWCD Landscape Evaluation Program</b>									
Residential, Commercial, Industrial, and Institutional Audits	49	15,966,699	54	270	\$0.00	\$3,406	\$396	\$3,802.00	0.1
<b>TOTAL</b>	<b>24,170</b>	<b>136,141,249</b>	<b>427</b>	<b>4,676</b>	<b>\$75,673</b>	<b>\$571,455</b>	<b>\$1,841,568</b>	<b>\$2,488,696</b>	

# IEUA Regional Conservation Programs Annual Report

## Summary Charts

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2015-2016</b>									
<b>SoCal WaterSmart Residential Rebates</b>									
High Efficiency Toilets (HET)	3,355	46,469,266	143	2,852	\$0	\$106,819	\$325,974	\$432,794	4.2
High Efficiency Clothes Washers (HECW)	959	10,782,564	33	477	\$0	\$16,900	\$80,240	\$97,140	4.1
Rotating Nozzles for Pop-up Spray Heads	5,173	7,417,842	23	114	\$0	\$0	\$11,182	\$11,182	0.7
Weather based Irrigation Controllers (WBIC)	271	28,703,643	88	881	\$0	\$5,553	\$26,128	\$31,681	0.5
Turf Removal (1,596,789 Sq. Ft.)	813	67,651,160	208	2,076	\$5,000	\$0	\$3,049,732	\$3,054,732	20.4
Rain Barrels	683	422,920	1	7	\$0	\$0	\$32,959	\$32,959	35.2
Soil Moisture Sensor Systems	2	26,985	0	1	\$0	\$42	\$160	\$202	3.4
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	8,755	12,554,320	39	193	\$0	\$14,008	\$17,510	\$31,518	1.1
Residential Landscape Retrofit Program (778 WBIC/9,135 Nozzles)	501	125,539,222	385	3,653	\$239,202	\$0	\$239,202	\$478,405	1.7
Landscape Transformation Program (26,900 Sq. Ft.)	30	1,162,974	4	36	\$8,070	\$81,929	\$0	\$89,999	35.0
Residential Pressure Regulation Program	10	3,910,800	12	120	\$0	\$3,419	\$2,281	\$5,700	0.7
<b>Subtotal</b>	<b>20,552</b>	<b>304,641,696</b>	<b>935</b>	<b>10,408</b>	<b>\$252,272</b>	<b>\$228,670</b>	<b>\$3,785,370</b>	<b>\$4,266,312</b>	
<b>SoCal WaterSmart Commercial Rebates</b>									
High Efficiency Toilets (HET)	6,598	91,421,175	281	5,610	\$0	\$225,020	\$815,980	\$1,041,000	5.1
Waterless Urinals	17	679,795	2	42	\$0	\$491	\$3,400	\$3,891	2.6
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	212	22,454,510	69	689	\$0	\$25,596	\$131,399	\$156,995	3.2
Rotating Nozzles for Pop-up Spray Heads	19,391	27,805,918	85	427	\$0	\$8,800	\$72,974	\$81,774	1.3
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	210	1,574,097	5	24	\$0	\$2,100	\$2,100	\$4,200	1.2
Air-Cooled Ice Machine	7	351,320	1	11	\$0	\$1,000	\$5,000	\$6,000	7.7
Turf Removal (3,337,120Sq. Ft.)	116	141,383,763	434	4,338	\$0	\$1,299,068	\$5,486,869	\$6,785,937	21.7
Soil Moisture Sensor Systems	1	0	0	0	\$0	\$0	\$980	\$980	105.4
Plumbing Flow Control	7,874	10,777,774	33	331	\$0	\$24,085	\$24,085	\$48,170	2.0
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	10,890	14,209,240	44	218	\$0	\$17,212	\$21,780	\$38,992	1.2
<b>Subtotal</b>	<b>45,316</b>	<b>310,657,592</b>	<b>953</b>	<b>11,690</b>	<b>\$0</b>	<b>\$1,603,371</b>	<b>\$6,564,567</b>	<b>\$8,167,938</b>	
<b>TOTAL</b>	<b>65,868</b>	<b>615,299,287</b>	<b>1,888</b>	<b>22,098</b>	<b>\$252,272</b>	<b>\$1,832,041</b>	<b>\$10,349,937</b>	<b>\$12,434,250</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

<b>CBWCD Landscape Evaluation Program</b>									
Residential, Commercial, Industrial, and Institutional Audits	74	24,112,974	58	289	\$0.00	\$11,618	\$2,357	\$13,975.00	0.3
<b>TOTAL</b>	<b>65,942</b>	<b>639,412,261</b>	<b>1,946</b>	<b>22,387</b>	<b>252,272</b>	<b>1,843,659</b>	<b>10,352,294</b>	<b>12,448,225</b>	

# IEUA Regional Conservation Programs Annual Report

## Summary Charts

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) '''
					Outside Funding	IEUA	MWD	Total	
<b>FY 2014-2015</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	1,434	19,861,976	61	1,219	\$0	\$71,700	\$143,400	\$215,100	4.7
High Efficiency Clothes Washers (HECW)	980	8,814,943	27	406	\$0	\$49,000	\$98,000	\$147,000	7.2
Rotating Nozzles for Pop-up Spray Heads	1,397	2,003,242	6	31	\$0	\$0	\$5,588	\$5,588	1.2
Weather based Irrigation Controllers (WBIC)	69	7,308,308	22	224	\$0	\$4,830	\$5,520	\$10,350	0.6
Turf Removal (79,670 Sq. Ft.)	78	5,047,181	15	155	\$0	\$0	\$235,430	\$235,430	20.2
Rain Barrels	149	15,781,708	48	484	\$0	\$0	\$11,175	\$11,175	0.3
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	16,706	21,777,942	67	334	\$0	\$0	\$60,142	\$60,142	1.2
Residential Landscape Retrofit Program (379 WBIC/5,117 Nozzles)	249	47,581,400	146	1,344	\$119,369	\$0	\$119,369	\$238,738	2.2
Landscape Transformation Program (179,261 Sq. Ft.)	140	2,641,244	8	81	\$37,623	\$131,809	\$251,322	\$420,754	69.1
<b>Subtotal</b>	<b>21,202</b>	<b>130,817,943</b>	<b>401</b>	<b>4,278</b>	<b>\$156,992</b>	<b>\$257,339</b>	<b>\$929,946</b>	<b>\$1,344,277</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	2,099	29,072,724	89	1,784	\$0	\$104,950	\$209,900	\$314,850	4.7
Waterless Urinals	9	124,657	0.38	8	\$0	\$1,800	\$1,800	\$3,600	12.5
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	93	9,850,328	30	302	\$0	\$1,395	\$3,255	\$4,650	0.2
Rotating Nozzles for Pop-up Spray Heads	30,810	40,163,916	123	616	\$0	\$30,810	\$123,240	\$154,050	1.7
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	1	65,180	0	1	\$0	\$1,000	\$1,000	\$2,000	13.3
Turf Removal (1,136,334 Sq. Ft.)	95	48,143,063	147.72	1,477	\$0	\$1,054,808.65	\$2,269,228.00	\$3,324,036.65	29.9
<b>Subtotal</b>	<b>33,107</b>	<b>127,419,867</b>	<b>391</b>	<b>4,189</b>	<b>\$0</b>	<b>\$1,194,764</b>	<b>\$2,608,423</b>	<b>\$3,803,187</b>	
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	30,456	39,696,472	122	609	\$0	\$0	\$109,642	\$109,642	1.2
<b>TOTAL</b>	<b>84,765</b>	<b>297,934,282</b>	<b>914</b>	<b>9,076</b>	<b>\$156,992</b>	<b>\$1,452,103</b>	<b>\$3,648,011</b>	<b>\$5,257,105</b>	

$$^{(1)} \text{ Payback period} = \frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

<b>CBWCD Landscape Evaluation Program</b>									
Residential, Commercial, Industrial, and Institutional Audits	239	77,878,389	282	1408	\$0.00	\$28,000	\$1,224	\$29,224.00	
<b>TOTAL</b>	<b>85,004</b>	<b>375,812,671</b>	<b>1,196</b>	<b>10,484</b>	<b>\$156,992</b>	<b>\$1,480,103</b>	<b>\$3,649,235</b>	<b>\$5,286,329</b>	



# IEUA Regional Conservation Programs Annual Report

## Summary Charts

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2013-2014</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	471	6,522,722	20	400	\$0	\$23,550	\$23,550	\$47,100	3.1
High Efficiency Clothes Washers (HECW)	1,083	9,739,947	30	448	\$0	\$70,395	\$92,055	\$162,450	7.2
Rotating Nozzles for Pop-up Spray Heads	1,651	2,367,112	7	36	\$0	\$1,651	\$6,604	\$8,255	1.5
Weather based Irrigation Controllers (WBIC)	60	6,354,095	20	195	\$0	\$4,200	\$4,800	\$9,000	0.6
Rain Barrels	58	6,142,291	19	189	\$0	\$0	\$4,350	\$4,350	0.3
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	11,232	14,639,834	45	225	\$0	\$0	\$36,504	\$36,504	1.1
Residential Landscape Retrofit Program (299 WBIC/3,282 Nozzles)	185	36,169,461	111	1,040	\$93,271	\$0	\$93,271	\$186,542	2.2
Landscape Transformation Program (57,889 Sq. Ft.)	65	2,640,846	8	81	\$0	\$104,477	\$73,268	\$177,745	29.2
<b>Subtotal</b>	<b>14,805</b>	<b>84,576,308</b>	<b>260</b>	<b>2,614</b>	<b>\$93,271</b>	<b>\$204,273</b>	<b>\$334,402</b>	<b>\$631,946</b>	
<b>IEUA High Efficiency Toilet (HET) Installation Prog.</b>									
IEUA Multi-Family Direct Install Prog. (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
IEUA Single-Family Direct Install Prog. (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	123	1,703,386	5	105	\$0	\$5,040	\$12,066	\$17,106	4.4
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	137	14,508,516	45	445	\$0	\$29,732	\$75,737	\$105,469	3.1
Rotating Nozzles for Pop-up Spray Heads	2,930	3,818,974	12	59	\$0	\$2,727	\$11,611	\$14,338	1.6
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	1,486	11,136,935	34	342	\$0	\$14,860	\$14,860	\$29,720	1.2
Air-Cooled Ice Machine	1	65,170	0.20	1	\$0	\$1,000	\$1,000	\$2,000	13.3
Turf Removal	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>4,677</b>	<b>31,232,981</b>	<b>96</b>	<b>952</b>	<b>\$0</b>	<b>\$53,359</b>	<b>\$115,274</b>	<b>\$168,633</b>	
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	23,032	30,020,001	92	461	\$0	\$0	\$74,854	\$74,854	1.1
<b>TOTAL</b>	<b>42,514</b>	<b>145,829,290</b>	<b>448</b>	<b>4,026</b>	<b>\$93,271</b>	<b>\$257,632</b>	<b>\$524,530</b>	<b>\$875,433</b>	

(1) Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

<b>CBWCD Landscape Evaluation Program</b>									
Residential, Commercial, Industrial, and Institutional Audits	83	27,045,633	38	190	\$0.00	\$13,983.00	\$2,242	\$16,225.00	
<b>TOTAL</b>	<b>42,597</b>	<b>172,874,923</b>	<b>486</b>	<b>4,216</b>	<b>\$93,271</b>	<b>\$271,615</b>	<b>\$526,772</b>	<b>\$891,658</b>	

# IEUA Regional Conservation Programs Annual Report

## Summary Charts

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2012-2013</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	6	83,092	0.26	5	\$0	\$300	\$300	\$600	3.2
High Efficiency Clothes Washers (HECW)	908	8,166,087	25	376	\$0	\$59,020	\$77,180	\$136,200	7.5
Rotating Nozzles for Pop-up Spray Heads	21	27,371	0.08	0	\$0	\$21	\$84	\$105	1.7
Weather based Irrigation Controllers (WBIC)	44	4,659,669	14	143	\$0	\$3,080	\$3,520	\$6,600	0.6
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	18,424	24,013,915	74	368	\$0	\$0	\$59,878	\$59,878	1.1
Residential Landscape Retrofit Program	157	39,102,120	120	1,013	\$78,760	\$12,821	\$91,582	\$183,163	2.1
Landscape Transformation Program (22,455 Sq. Ft.)	27	1,024,378	3	31	\$6,273	\$17,990	\$22,034	\$46,297	20.3
<b>Subtotal</b>	<b>19,587</b>	<b>77,076,633</b>	<b>237</b>	<b>1,937</b>	<b>\$85,033</b>	<b>\$93,232</b>	<b>\$254,578</b>	<b>\$432,843</b>	
<b>IEUA High Efficiency Toilet (HET) Installation Prog.</b>									
IEUA Multi-Family Direct Install Prog. (HET)	351	4,860,882	15	298	\$25,742	\$12,517	\$17,550	\$55,809	5.1
IEUA Single-Family Direct Install Prog. (HET)	1,389	19,235,799	59	1,181	\$101,869	\$49,532	\$69,450	\$220,851	5.1
<b>Subtotal</b>	<b>1,740</b>	<b>24,096,681</b>	<b>74</b>	<b>1,479</b>	<b>\$127,612</b>	<b>\$62,048</b>	<b>\$87,000</b>	<b>\$276,660</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	12	166,184	1	10	\$0	\$600	\$600	\$1,200	3.2
Waterless Urinals	1	13,849	0.04	1	\$0	\$100	\$200	\$300	9.7
Cooling Tower Controller	4	839,392	3	13	\$0	\$4,000	\$7,000	\$11,000	5.9
High Efficiency Clothes Washers	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	66	6,989,504	21	215	\$0	\$16,281	\$30,940	\$47,221	3.0
Rotating Nozzles for Pop-up Spray Heads	3,055	3,981,899	12	61	\$0	\$3,055	\$12,220	\$15,275	1.7
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	341	2,555,649	8	78	\$0	\$3,410	\$3,410	\$6,820	1.2
Air-Cooled Ice Machine	1	65,170	0.20	1	\$0	\$930	\$1,000	\$1,930	13.3
<b>IEUA Locally Implemented Commercial Programs</b>									
Fontana Unified School Retrofit Program	1,764	49,203,501	151	2,880	\$206,033	\$0	\$32,050	\$238,083	2.2
FreeSprinklerNozzles.com Program	35,017	45,641,298	140	700	\$0	\$0	\$113,805	\$113,805	1.1
<b>Subtotal</b>	<b>40,261</b>	<b>109,456,446</b>	<b>336</b>	<b>3,960</b>	<b>\$206,033</b>	<b>\$28,376</b>	<b>\$201,225</b>	<b>\$435,634</b>	
<b>TOTAL</b>	<b>61,588</b>	<b>210,629,761</b>	<b>646</b>	<b>7,376</b>	<b>\$418,678</b>	<b>\$183,656</b>	<b>\$542,803</b>	<b>\$1,145,137</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

<b>CBWCD Landscape Evaluation Program</b>									
Residential, Commercial, Industrial, and Institutional Audits	48	15,966,699	49	245	\$0.00	\$5,600.00	\$864	\$6,464.00	0.2
<b>TOTAL</b>	<b>61,636</b>	<b>226,596,460</b>	<b>695</b>	<b>7,621</b>	<b>\$418,678</b>	<b>\$189,256</b>	<b>\$543,667</b>	<b>\$1,151,601</b>	

# IEUA Regional Conservation Programs Annual Report

## Summary Charts

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					DWR/Other	IEUA	MWD	Total	
<b>FY 2011-2012</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Clothes Washers (HECW)	1,184	10,648,289	33	490	0	\$0	\$100,640	\$100,640	4.5
Rotating Nozzles for Pop-up Spray Heads	778	1,014,048	3	16	0	\$1,556	\$2,334	\$3,890	1.8
Weather Based Irrigation Controllers (WBIC)	67	7,095,406	22	218	0	\$3,015	\$5,360	\$8,375	0.6
FreeSprinklerNozzles.com Program	40,012	52,151,801	160	800	0	\$0	\$75,150	\$75,150	0.7
Residential Landscape Retrofit Program	22	5,865,318	18	160	0	\$14,499	\$12,310	\$26,809	2.2
<b>Subtotal</b>	<b>42,063</b>	<b>76,774,862</b>	<b>236</b>	<b>1684</b>	<b>\$0</b>	<b>\$19,070</b>	<b>\$195,794</b>	<b>\$214,864</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	139	1,924,965	6	118	\$10,194	\$4,957	\$6,950	\$22,101	5.5
IEUA Single-Family Direct Install Prog. (HET)	2,753	38,125,382	117	2340	\$201,905	\$98,172	\$137,650	\$437,727	5.5
<b>Subtotal</b>	<b>2,892</b>	<b>40,050,346</b>	<b>123</b>	<b>2458</b>	<b>\$212,099</b>	<b>\$103,129</b>	<b>\$144,600</b>	<b>\$459,828</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Toilets (HET)	4	55,395	0.17	3	\$0	\$140	\$200	\$340	2.9
Waterless Urinals	68	2,718,770	8	167	\$0	\$3,400	\$13,600	\$17,000	3.0
PH Conductivity Controller	1	633,454	2	10	\$0	\$500	\$1,750	\$2,250	1.7
High Efficiency Clothes Washers	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	66	6,989,504	21	215	\$0	\$11,716	\$22,225	\$33,941	2.3
Rotating Nozzles for Pop-up Spray Heads	4,243	5,530,343	17	85	\$0	\$4,243	\$12,729	\$16,972	1.5
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Fontana Unified School Retrofit Program	2,124	12,708,189	39	635	\$339,942	\$0	\$51,978	\$391,920	14.8
FreeSprinklerNozzles.com Program	10,044	13,091,390	40	201	\$0	\$0	\$30,132	\$30,132	1.1
Central Computerized Irrigation Controller	11	17,470,176	54	536	\$0	\$3,480	\$8,700	\$12,180	0.3
<b>Subtotal</b>	<b>16,561</b>	<b>59,197,221</b>	<b>182</b>	<b>1,851</b>	<b>\$339,942</b>	<b>\$23,479</b>	<b>\$141,314</b>	<b>\$504,735</b>	
<b>TOTAL</b>	<b>61,516</b>	<b>176,022,429</b>	<b>540</b>	<b>5,993</b>	<b>\$552,041</b>	<b>\$145,678</b>	<b>\$481,708</b>	<b>\$1,179,427</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

<b>CBWCD Landscape Evaluation Program</b>									
Residential, Commercial, Industrial, and Institutional Audits	114	23,135,421	71	355	\$0.00	\$18,750.00	\$15,100	\$33,850.00	0.6
<b>TOTAL</b>	<b>61,630</b>	<b>199,157,850</b>	<b>611</b>	<b>6,348</b>	<b>\$552,041</b>	<b>\$164,428</b>	<b>\$496,808</b>	<b>\$1,213,277</b>	



# IEUA Regional Conservation Programs Annual Report

## Summary Charts

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2010-2011</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Toilets (HET)	105	1,454,110	4	89	\$0	\$3,675	\$5,250	\$8,925	4.0
High Efficiency Clothes Washers (HECW)	2,137	19,219,083	59	885	\$0	\$0	\$181,645	\$181,645	6.2
Rotating Nozzles for Pop-up Spray Heads	1,219	1,588,849	5	24	\$0	\$2,438	\$3,657	\$6,095	2.5
Weather Based Irrigation Controllers (WBIC)	28	2,965,244	9	91	\$0	\$1,260	\$2,240	\$3,500	0.8
Synthetic Turf (9,477 Sq. Ft.)	11	4,622,689	14	142	\$0	\$4,265	\$2,843	\$7,108	1.0
FreeSprinklerNozzles.com Program	24,931	32,500,052	100	499	\$0	\$0	\$74,793	\$74,793	1.5
Residential Landscape Retrofit Program	507	19,879,900	61	553	\$0	\$46,746	\$38,513	\$85,259	2.8
<b>Subtotal</b>	<b>28,938</b>	<b>82,229,928</b>	<b>252</b>	<b>2,283</b>	<b>\$0</b>	<b>\$58,384</b>	<b>\$308,941</b>	<b>\$367,325</b>	
<b>IEUA Mult-Family Direct Install Prog. (HET)</b>									
IEUA Mult-Family Direct Install Prog. (HET)	1,428	19,775,897	61	1,214	\$104,730	\$50,922	\$71,400	\$227,052	7.5
<b>Subtotal</b>	<b>1,428</b>	<b>19,775,897</b>	<b>61</b>	<b>1,214</b>	<b>\$104,730</b>	<b>\$50,922</b>	<b>\$71,400</b>	<b>\$227,052</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Toilets (HET)	31	429,309	1	26	\$0	\$1,085	\$1,550	\$2,635	4.0
Waterless Urinals	238	9,515,696	29	584	\$0	\$11,900	\$47,600	\$59,500	4.1
PH Conductivity Controller	5	3,167,272	10	49	\$0	\$2,500	\$8,750	\$11,250	2.3
Weather Based Irrigation Controllers (WBIC)	46	4,871,472	15	150	\$0	\$10,715	\$24,975	\$35,690	4.8
Synthetic Turf (0 Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	3,069	4,000,147	12	61	\$0	\$3,069	\$9,207	\$12,276	2.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Fontana Unified School Retrofit Program	1,899	28,679,200	88	709	\$321,643	\$0	\$33,900	\$355,543	8.1
<b>Subtotal</b>	<b>5,288</b>	<b>50,663,096</b>	<b>155</b>	<b>1,579</b>	<b>\$321,643</b>	<b>\$29,269</b>	<b>\$125,982</b>	<b>\$476,894</b>	
<b>TOTAL</b>	<b>35,654</b>	<b>152,668,921</b>	<b>468</b>	<b>5,075</b>	<b>\$426,373</b>	<b>\$138,575</b>	<b>\$506,323</b>	<b>\$1,071,271</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

<b>CBWCD Landscape Evaluation Program</b>									
Residential, Commercial, Industrial, and Institutional Audits	121	56,372,223	173	865	\$0.00	\$18,750.00	\$15,100	\$33,850.00	0.4
<b>TOTAL</b>	<b>35,775</b>	<b>209,041,144</b>	<b>641</b>	<b>5,940</b>	<b>\$426,373</b>	<b>\$157,325</b>	<b>\$521,423</b>	<b>\$1,105,121</b>	

# IEUA Regional Conservation Programs Annual Report

## Summary Charts

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2009-2010</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Toilets (HET)	477	6,605,814	20	405	\$0	\$16,695	\$23,850	\$40,545	4.0
High Efficiency Clothes Washers (HECW)	512	4,604,666	14	212	\$0	\$25,600	\$56,320	\$81,920	11.6
Rotating Nozzles for Pop-up Spray Heads	575	749,457	2	12	\$0	\$1,150	\$2,300	\$3,450	3.0
Weather Based Irrigation Controllers (WBIC)	10	1,059,016	3	33	\$0	\$450	\$800	\$1,250	0.8
Water Wise Landscape (Turf Buy Back) (1,830 Sq. Ft.)	2	83,483	0.26	3	\$0	\$3,228	\$0	\$3,228	25.3
Synthetic Turf (41,748 Sq. Ft.)	32	4,621,994	14	142	\$0	\$18,787	\$12,524	\$31,311	4.4
<b>Subtotal</b>	<b>1,608</b>	<b>17,724,431</b>	<b>54</b>	<b>806</b>	<b>\$0</b>	<b>\$65,910</b>	<b>\$95,794</b>	<b>\$161,704</b>	
<b>IEUA Mult-Family Direct Install Prog. (HET)</b>									
IEUA Mult-Family Direct Install Prog. (HET)	410	5,677,954	17	349	\$30,069	\$14,621	\$67,650	\$112,340	12.9
<b>Subtotal</b>	<b>410</b>	<b>5,677,954</b>	<b>17</b>	<b>349</b>	<b>\$30,069</b>	<b>\$14,621</b>	<b>\$67,650</b>	<b>\$112,340</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Tank	7	86,448	0.27	5	\$0	\$0	\$420	\$420	3.2
High Efficiency Toilets (HET)	308	4,265,390	13	262	\$0	\$41,580	\$50,820	\$92,400	14.2
Waterless Urinals	284	11,354,865	35	697	\$0	\$0	\$113,600	\$113,600	6.5
High Efficiency Clothes Washers	33	296,785	1	9	\$0	\$3,300	\$2,640	\$5,940	13.1
Water Brooms	1	49,986	0.15	1	\$0	\$0	\$150	\$150	2.0
Weather Based Irrigation Controllers (WBIC)	102	10,801,961	33	332	\$0	\$28,605	\$60,212	\$88,817	5.4
Synthetic Turf (0 Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	11,320	14,754,533	45	226	\$0	\$0	\$45,280	\$45,280	2.0
Pre-Rinse Spray Head Nozzles	1	49,855	0.15	1	\$0	\$0	\$60	\$60	0.8
<b>Subtotal</b>	<b>12,056</b>	<b>41,659,822</b>	<b>128</b>	<b>1,533</b>	<b>\$0</b>	<b>\$73,485</b>	<b>\$273,182</b>	<b>\$346,667</b>	
<b>TOTAL</b>	<b>14,074</b>	<b>65,062,206</b>	<b>200</b>	<b>2,687</b>	<b>\$30,069</b>	<b>\$154,015</b>	<b>\$436,626</b>	<b>\$620,711</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

<b>Additional Grant Reimbursements</b>									
Phase III Landscape Evaluation Program	105	98,586,220	303	3,026	\$0	\$59,250	\$22,722	\$81,972	0.5
<b>TOTAL (Grant+Main)</b>	<b>14,179</b>	<b>163,648,427</b>	<b>502</b>	<b>5,712</b>	<b>\$30,069</b>	<b>\$213,265</b>	<b>\$459,348</b>	<b>\$702,683</b>	

# IEUA Regional Conservation Programs Annual Report

## Summary Charts

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2008-2009</b>									
<b>Residential Rebate Programs</b>									
Ultra Low Flush Toilets (ULFT)	4	49,399	0.15	3	\$0	\$0	\$240	\$240	3.2
High Efficiency Toilets (HET)	2,096	29,026,807	89	1,782	\$0	\$0	\$345,840	\$345,840	7.8
High Efficiency Clothes Washers (HECW)	1,191	10,711,244	33	493	\$0	\$0	\$131,010	\$131,010	8.0
Rotating Nozzles for Pop-up Spray Heads	958	1,248,661	4	19	\$0	\$0	\$3,832	\$3,832	2.0
Weather Based Irrigation Controllers (WBIC)	10	1,059,016	3	33	\$0	\$0	\$800	\$800	0.5
Water Wise Landscape (Turf Buy Back) (159,759 Sq. Ft.)	117	7,288,068	22	224	\$0	\$206,799	\$0	\$206,799	18.5
Synthetic Turf (101,317 Sq. Ft.)	114	4,621,994	14	142	\$0	\$30,395	\$30,395	\$60,790	8.6
<b>Subtotal</b>	<b>4,490</b>	<b>54,005,189</b>	<b>166</b>	<b>2,695</b>	<b>\$0</b>	<b>\$237,194</b>	<b>\$512,117</b>	<b>\$749,311</b>	
<b>IEUA Mult-Family Direct Install Prog. (HET)</b>									
IEUA Mult-Family Direct Install Prog. (HET)	1,682	23,293,459	71	1,430	\$123,358	\$59,980	\$277,530	\$460,868	12.9
<b>Subtotal</b>	<b>1,682</b>	<b>23,293,459</b>	<b>71</b>	<b>1,430</b>	<b>\$123,358</b>	<b>\$59,980</b>	<b>\$277,530</b>	<b>\$460,868</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	0	0	0	0	\$0	\$0	\$0	\$0	0.0
ULFT Tank	1	12,350	0.04	1	\$0	\$0	\$60	\$60	3.2
High Efficiency Toilets (HET)	1,554	21,520,829	66	1,321	\$0	\$209,790	\$256,410	\$466,200	14.2
Waterless Urinals	332	13,273,997	41	815	\$0	\$0	\$132,800	\$132,800	6.5
Conductivity Controller	4	839,392	3	13	\$0	\$175	\$2,500	\$2,675	2.1
High Efficiency Clothes Washers	19	170,876	1	5	\$0	\$1,900	\$1,520	\$3,420	13.1
Water Brooms	5	249,928	1	4	\$0	\$0	\$750	\$750	2.0
Weather Based Irrigation Controllers (WBIC)	57	6,036,390	19	185	\$0	\$0	\$38,133	\$38,133	4.1
Cooling Tower Controller	2	87,817	0.27	3	\$0	\$578	\$578	\$1,155	8.6
Rotating Nozzles for Pop-up Spray Heads	43	56,046	0.17	1	\$0	\$0	\$172	\$172	2.0
Large Rotary Nozzles	120	703,838	2	22	\$0	\$0	\$1,560	\$1,560	1.4
Pre-Rinse Spray Head Nozzles	31	1,545,511	5	24	\$0	\$0	\$1,860	\$1,860	0.8
<b>Subtotal</b>	<b>2,168</b>	<b>44,496,974</b>	<b>137</b>	<b>2,392</b>	<b>\$0</b>	<b>\$212,443</b>	<b>\$436,343</b>	<b>\$648,785</b>	
<b>MWD Public Sector Program</b>									
High Efficiency Toilets (HET)	4	55,395	0.17	3	\$0	\$0	\$1,285	\$1,285	15.2
Waterless Urinals	2	81,463	0.25	5	\$0	\$0	\$1,071	\$1,071	8.6
Water Brooms	49	2,449,292	8	38	\$0	\$0	\$16,706	\$16,706	4.5
Weather Based Irrigation Controllers (WBIC)	73	14,486,358	44	445	\$0	\$0	\$121,036	\$121,036	5.5
Central Computer Irrigation Controllers (CCIC)	515	166,470,759	511	5,109	\$0	\$0	\$2,103,868	\$2,103,868	8.3
Synthetic Turf (185,612 Sq. Ft.)	2	4,243,072	26	260	\$0	\$0	\$139,209	\$139,209	10.7
<b>Subtotal</b>	<b>645</b>	<b>187,786,338</b>	<b>589</b>	<b>5,859</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,383,175</b>	<b>\$2,383,175</b>	
<b>TOTAL</b>	<b>8,985</b>	<b>309,581,960</b>	<b>963</b>	<b>12,376</b>	<b>\$123,358</b>	<b>\$509,617</b>	<b>\$3,609,165</b>	<b>\$4,242,139</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

<b>Additional Grant Reimbursements</b>									
Phase III Landscape Evaluation Program	135	251,231,121	771	7,710	\$54,596.90	\$0	\$66,346.40	\$120,943.30	0.3
<b>TOTAL (Grant+Main)</b>	<b>9,120</b>	<b>560,813,081</b>	<b>1,734</b>	<b>20,086</b>	<b>\$177,955</b>	<b>\$509,617</b>	<b>\$3,675,511</b>	<b>\$4,363,082</b>	



# IEUA Regional Conservation Programs Annual Report

## Summary Charts

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2007-2008</b>									
<b>Residential Rebate Programs</b>									
Ultra Low Flush Toilets (ULFT)	110	1,358,473	4	83	\$0	\$0	\$6,600	\$6,600	3.5
High Efficiency Toilets (HET)	93	1,287,926	4	79	\$0	\$0	\$15,345	\$15,345	8.5
High Efficiency Clothes Washers (HECW)	1,547	13,912,925	43	640	\$0	\$0	\$170,170	\$170,170	8.7
Rotating Nozzles for Pop-up Spray Heads	1,193	1,554,961	5	24	\$0	\$0	\$4,772	\$4,772	2.2
Weather Based Irrigation Controllers (WBIC)	25	2,647,539	8	81	\$0	\$4,000	\$2,000	\$6,000	1.6
Water Wise Landscape (Turf Buy Back) (21,506 Sq. Ft.)	20	981,085	3	30	\$0	\$43,012	\$0	\$43,012	31.2
Synthetic Turf (61,970 Sq. Ft.)	68	2,827,018	9	87	\$0	\$18,591	\$18,591	\$37,182	9.4
<b>Subtotal</b>	<b>3,056</b>	<b>24,569,928</b>	<b>75</b>	<b>1,025</b>	<b>\$0</b>	<b>\$65,603</b>	<b>\$217,478</b>	<b>\$283,081</b>	
<b>IEUA Multit-Family Direct Install Prog. (HET/ULFT)</b>									
IEUA Multit-Family Direct Install Prog. (HET/ULFT)	4,213	52,029,509	160	1,597	\$308,981	\$150,236	\$252,780	\$711,997	9.7
<b>Subtotal</b>	<b>4,213</b>	<b>52,029,509</b>	<b>160</b>	<b>1,597</b>	<b>\$308,981</b>	<b>\$150,236</b>	<b>\$252,780</b>	<b>\$711,997</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	0	0	0	0	\$0	\$0	\$0	\$0	0.0
ULFT Tank	9	111,148	0.34	7	\$0	\$0	\$1,215	\$1,215	7.8
High Efficiency Toilets (HET)	1,916	26,534,047	81	1,629	\$0	\$258,660	\$316,140	\$574,800	15.4
Waterless Urinals	606	24,229,042	74	1,487	\$0	\$0	\$242,400	\$242,400	7.1
Conductivity Controller	12	2,518,177	8	39	\$0	\$2,100	\$7,500	\$9,600	2.7
High Efficiency Clothes Washers	48	431,687	1	13	\$0	\$13,920	\$6,240	\$20,160	33.2
Water Brooms	1	49,986	0	1	\$0	\$0	\$150	\$150	2.1
Weather Based Irrigation Controllers (WBIC)	6	635,409	2	20	\$0	\$0	\$3,780	\$3,780	4.2
Synthetic Turf (32,525 Sq. Ft.)	4	1,483,763	5	46	\$0	\$9,758	\$9,758	\$19,515	9.4
Rotating Nozzles for Pop-up Spray Heads	65	84,721	0	1	\$0	\$0	\$260	\$260	2.2
<b>Subtotal</b>	<b>2,667</b>	<b>56,077,980</b>	<b>172</b>	<b>3,242</b>	<b>\$0</b>	<b>\$284,438</b>	<b>\$587,443</b>	<b>\$871,880</b>	
<b>MWD Public Sector Program</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	56	2,238,987	7	137	\$0	\$0	\$68,600	\$68,600	21.8
Water Brooms	98	4,898,583	15	75	\$0	\$0	\$37,240	\$37,240	5.4
Weather Based Irrigation Controllers (WBIC)	42	6,377,556	20	196	\$0	\$0	\$42,168	\$42,168	4.7
Central Computer Irrigation Controllers (CCIC)	36	9,654,313	30	296	\$0	\$0	\$112,464	\$112,464	8.3
<b>Subtotal</b>	<b>232</b>	<b>23,169,440</b>	<b>71</b>	<b>705</b>	<b>\$0</b>	<b>\$0</b>	<b>\$260,472</b>	<b>\$260,472</b>	
<b>TOTAL</b>	<b>10,168</b>	<b>155,846,856</b>	<b>478</b>	<b>6,568</b>	<b>\$308,981</b>	<b>\$500,276</b>	<b>\$1,318,173</b>	<b>\$2,127,430</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# IEUA Regional Conservation Programs Annual Report

## Summary Charts

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2006-2007</b>									
<b>Residential Programs</b>									
Ultra Low Flush Toilets (ULFT)	179	2,210,606	6.78	135.68	\$0	\$0	\$10,740	\$10,740	3.7
High Efficiency Toilets (HET)	14	193,881	0.60	11.90	\$0	\$0	\$2,310	\$2,310	9.1
High Efficiency Clothes Washers (HECW)	1,456	13,094,518	40.19	602.78	\$0	\$0	\$160,160	\$160,160	9.3
Rotating Sprinkler Nozzles	158	205,938	0.63	3.16	\$0	\$0	\$632	\$632	2.3
Weather Based Irrigation Controllers (WBIC) - Rebate	33	3,494,752	10.73	107.25	\$0	\$5,280	\$2,640	\$7,920	1.7
Weather Based Irrigation Controllers (WBIC) - Distribution	330	34,947,520	107.25	1,072.50	\$0	\$0	\$79,200	\$79,200	1.7
<b>Subtotal</b>	<b>2,170</b>	<b>54,147,215</b>	<b>166</b>	<b>1,933</b>	<b>\$0</b>	<b>\$5,280</b>	<b>\$255,682</b>	<b>\$260,962</b>	
<b>IEUA Mult-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Toilet Program (HET/ULFT)	10,132	125,127,696	384	7,680	\$673,848	\$327,644	\$551,280	\$1,552,772	9.5
<b>Subtotal</b>	<b>10,132</b>	<b>125,127,696</b>	<b>384</b>	<b>7,680</b>	<b>\$673,848</b>	<b>\$327,644</b>	<b>\$551,280</b>	<b>\$1,552,772</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	4	49,399	0.15	3.03	\$0	\$60	\$540	\$600	9.3
ULFT Tank	379	4,680,556	14.36	287.28	\$0	\$5,685	\$51,165	\$56,850	9.3
High Efficiency Toilets (HET)	1	13,849	0.04	0.85	\$0	\$45	\$165	\$210	11.6
Zero Water Urinal	97	3,878,246	11.90	238.04	\$0	\$0	\$38,800	\$38,800	7.6
Conductivity Controller	4	839,392	2.58	12.88	\$0	\$0	\$2,500	\$2,500	2.3
High Efficiency Clothes Washers (HECW)	140	1,259,088	3.86	57.96	\$0	\$9,800	\$18,200	\$28,000	17.0
Water Brooms	1	49,986	0.15	0.77	\$0	\$0	\$150	\$150	2.3
Weather Based Irrigation Controllers (WBIC)	16	1,694,425	5.20	52.00	\$0	\$0	\$10,080	\$10,080	4.5
<b>Subtotal</b>	<b>642</b>	<b>12,464,941</b>	<b>38</b>	<b>653</b>	<b>\$0</b>	<b>\$15,590</b>	<b>\$121,600</b>	<b>\$137,190</b>	
<b>TOTAL</b>	<b>12,944</b>	<b>191,739,852</b>	<b>588</b>	<b>10,266</b>	<b>\$673,848</b>	<b>\$348,514</b>	<b>\$928,562</b>	<b>\$1,950,924</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# IEUA Regional Conservation Programs Annual Report

## Summary Charts

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2005-2006</b>									
<b>Residential Programs</b>									
City Event (ULFT)	1,640	20,253,595	62	1,243	\$0	\$10,660	\$98,400	\$109,060	4.1
IEUA Regional Event (ULFT)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
IEUA Rebate Program (ULFT)	531	6,557,719	20	402	\$0	\$563	\$32,580	\$33,176	3.9
High Efficiency Clothes Washers	1,365	12,276,111	38	565	\$0	\$1,186	\$140,910	\$142,191	8.8
<b>Subtotal</b>	<b>3,536</b>	<b>39,087,424</b>	<b>120</b>	<b>2,211</b>	<b>\$0</b>	<b>\$12,409</b>	<b>\$271,890</b>	<b>\$284,427</b>	
<b>IEUA Mult-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	6000	74,098,517	227	4,548	\$0	\$495,004	\$287,160	\$782,164	8.1
<b>Subtotal</b>	<b>6,000</b>	<b>74,098,517</b>	<b>227</b>	<b>4,548</b>	<b>\$0</b>	<b>\$495,004</b>	<b>\$287,160</b>	<b>\$782,164</b>	<b>8.1</b>
<b>CII Save-A-Buck Rebate Program</b>									
ULFT's (Tank)	1133	13,992,270	43	859	\$0	\$914	\$67,980	\$58,036	3.2
Conductivity Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	83	746,459	2	34	\$0	\$0	\$20,750	\$20,750	21.2
Water Brooms	3	149,957	0.46	2	\$0	\$0	\$300	\$300	1.5
Pre-Rinse Spray Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	22	2,329,835	7	107	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>1,241</b>	<b>17,218,521</b>	<b>53</b>	<b>1,003</b>	<b>\$0</b>	<b>\$914</b>	<b>\$89,030</b>	<b>\$79,086</b>	
<b>TOTAL</b>	<b>10,777</b>	<b>130,404,462</b>	<b>400</b>	<b>7,761</b>	<b>\$0</b>	<b>\$507,413</b>	<b>\$648,080</b>	<b>\$1,145,677</b>	
<b>FY 2004-2005</b>									
<b>Residential Programs</b>									
City Event (ULFT)	726	8,965,921	28	550	\$0	\$4,719	\$43,560	\$48,279	4.1
IEUA Regional Event (ULFT)	796	9,830,403	30	603	\$0	\$8,756	\$47,760	\$56,516	4.4
IEUA Rebate Program (ULFT)	643	7,940,891	24	487	\$0	\$643	\$38,580	\$39,223	3.8
High Efficiency Clothes Washers	1888	16,979,705	52	782	\$0	\$1,888	\$207,680	\$209,568	9.4
Pool Cover Rebates	58	990,607	3	15	\$0	\$5,035	\$0	\$5,035	3.9
<b>Subtotal</b>	<b>4,111</b>	<b>44,707,527</b>	<b>137</b>	<b>2,438</b>	<b>\$0</b>	<b>\$21,041</b>	<b>\$337,580</b>	<b>\$358,621</b>	
<b>IEUA Mult-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	4187	51,708,415	159	3,174	\$0	\$439,635	\$251,220	\$690,855	10.2
<b>Subtotal</b>	<b>4,187</b>	<b>51,708,415</b>	<b>159</b>	<b>3,174</b>	<b>\$0</b>	<b>\$439,635</b>	<b>\$251,220</b>	<b>\$690,855</b>	<b>10.2</b>
<b>CII Save-A-Buck Rebate Program</b>									
ULFT's (Tank)	5	61,749	0.19	4	\$0	\$0	\$0	\$0	0.0
Conductivity Controller	2	419,696	1	6	\$0	\$0	\$1,000	\$1,000	1.8
High Efficiency Clothes Washers	26	233,831	1	11	\$0	\$0	\$6,500	\$6,500	21.2
Water Brooms	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Spray Nozzles	1	49,855	0.15	1	\$0	\$0	\$50	\$50	0.8
X-Ray Film Processor (MWD CII)	6	6,256,339	19	96	\$0	\$0	\$12,000	\$12,000	1.5
<b>Subtotal</b>	<b>40</b>	<b>7,021,470</b>	<b>22</b>	<b>118</b>	<b>\$0</b>	<b>\$0</b>	<b>\$19,550</b>	<b>\$19,550</b>	
<b>TOTAL</b>	<b>8,338</b>	<b>103,437,412</b>	<b>317</b>	<b>5,729</b>	<b>\$0</b>	<b>\$460,676</b>	<b>\$608,350</b>	<b>\$1,069,026</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$



# IEUA Regional Conservation Programs Annual Report

## Summary Charts

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2003-2004</b>									
<b>Residential Programs</b>									
City Event (ULFT)	1,377	17,005,610	52	1,044	\$0	\$2,734	\$81,940	\$84,674	3.8
IEUA Regional Event (ULFT)	1,613	19,920,151	61	1,223	\$0	\$17,743	\$96,780	\$114,523	4.4
IEUA Rebate Program (ULFT)	1,446	17,857,743	55	1,096	\$0	\$1,446	\$86,760	\$88,206	3.8
High Efficiency Clothes Washers	1,776	15,972,434	49	735	\$0	\$1,823	\$200,530	\$202,353	9.7
Pool Cover Rebates	231	6,412,748	20	98	\$0	\$12,243	\$0	\$12,243	1.5
<b>Subtotal</b>	<b>6,443</b>	<b>77,168,686</b>	<b>237</b>	<b>4,196</b>	<b>\$0</b>	<b>\$35,989</b>	<b>\$466,010</b>	<b>\$501,999</b>	
<b>IEUA Mult-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	2,101	25,946,831	80	1,593	\$0	\$71,434	\$126,060	\$197,494	5.8
<b>Subtotal</b>	<b>2,101</b>	<b>25,946,831</b>	<b>80</b>	<b>1,593</b>	<b>\$0</b>	<b>\$71,434</b>	<b>\$126,060</b>	<b>\$197,494</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Clothes Washers	111	998,277	3	61	\$0	\$0	\$27,750	\$27,750	0.0
Water Brooms (Rebates)	210	10,496,964	32	161	\$0	\$20,100	\$21,000	\$41,100	3.0
Water Brooms (Distribution)	113	5,648,366	17	87	\$0	\$10,600	\$11,300	\$21,900	3.0
Pre-Rinse Spray Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>434</b>	<b>17,143,608</b>	<b>53</b>	<b>309</b>	<b>\$0</b>	<b>\$30,700</b>	<b>\$60,050</b>	<b>\$90,750</b>	
<b>TOTAL</b>	<b>8,978</b>	<b>120,259,124</b>	<b>369</b>	<b>6,098</b>	<b>\$0</b>	<b>\$138,123</b>	<b>\$652,120</b>	<b>\$790,243</b>	

<b>FY 2002-2003</b>									
<b>Residential Programs</b>									
City Event (ULFT)	1,692	20,895,782	64	1,283	\$0	\$3,540	\$106,200	\$109,740	4.0
IEUA Regional Event (ULFT)	1,052	12,991,940	40	797	\$0	\$11,286	\$61,560	\$72,846	4.3
IEUA Rebate Program (ULFT)	198	2,445,251	8	150	\$0	\$198	\$11,880	\$12,078	3.8
High Efficiency Clothes Washers	1,395	12,545,915	39	578	\$0	\$1,476	\$162,360	\$163,836	10.0
Pool Cover Rebates	235	9,984,075	31	153	\$0	\$12,455	\$0	\$12,455	1.0
<b>Subtotal</b>	<b>4,572</b>	<b>58,862,963</b>	<b>181</b>	<b>2,961</b>	<b>\$0</b>	<b>\$28,955</b>	<b>\$342,000</b>	<b>\$370,955</b>	
<b>IEUA Mult-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	891	11,003,630	34	675	\$0	\$33,728	\$59,520	\$93,248	6.5
<b>Subtotal</b>	<b>891</b>	<b>11,003,630</b>	<b>34</b>	<b>675</b>	<b>\$0</b>	<b>\$33,728</b>	<b>\$59,520</b>	<b>\$93,248</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Clothes Washers	148	1,331,036	4	61	\$0	\$0	\$37,000	\$37,000	21.2
Water Brooms	62	3,099,104	10	48	\$0	\$6,600	\$6,600	\$13,200	3.3
Pre-Rinse Spray Nozzles	462	23,033,104	71	353	\$0	\$0	\$23,100	\$23,100	0.8
X-Ray Film Processor (MWD CII)	13	13,555,402	42	208	\$0	\$0	\$26,000	\$26,000	1.5
Restaurant Table Tent Program	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Subtotal</b>	<b>685</b>	<b>41,018,645</b>	<b>126</b>	<b>670</b>	<b>\$0</b>	<b>\$6,600</b>	<b>\$92,700</b>	<b>\$99,300</b>	
<b>TOTAL</b>	<b>6,148</b>	<b>110,885,238</b>	<b>340</b>	<b>4,306</b>	<b>\$0</b>	<b>\$69,283</b>	<b>\$494,220</b>	<b>\$563,503</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$



City of Chino  
Regional Water Use Efficiency Programs  
Summary Charts

# City of Chino

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				IEUA Payback Period (years)
					Outside Funding	IEUA	MWD	Total	
<b>FY 2020-2021</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	5	40,086	0	2	\$0	\$300	\$200	\$500	2.9
High Efficiency Clothes Washers (HECW)	72	809,536	2	35	\$0	\$5,400	\$6,120	\$11,520	2.6
Rotating Nozzles for Pop-up Spray Heads (2 Apps/ 75 Nozzles)	2	107,547	0	2	\$0	\$225	\$150	\$375	0.8
Weather based Irrigation Controllers (WBIC)	45	607,152	2	19	\$0	\$3,600	\$3,600	\$7,200	2.3
Hose Bib Controller	1	13,492	0	0	\$0	\$0	\$35	\$35	0.0
Turf Replacement (8,522 sq. ft.)	5	511,320	2	47	\$0	\$8,522	\$17,044	\$25,566	6.5
Rain Barrels	1	619	0	0	\$0	\$0	\$35	\$35	0.0
Cisterns	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
Landscape Tune-Up Program	189	14,290,063	44	88	\$0	\$43,199	\$28,350	\$71,549	1.2
Residential Landscape Retrofit Program (44 WBIC/ 114 Nozzles)	33	757,131	2	21	\$0	\$21,619	\$4,244	\$25,863	11.2
Res. Education, Survey, and Controller Upgrade Program (150 WBIC)	133	2,023,839	6	62	\$0	\$40,839	\$45,514	\$86,352	7.9
Residential Pressure Regulation Program	2	8,995	0	0	\$0	\$1,097	\$50	\$1,147	47.9
Leak Detection Pilot Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>488</b>	<b>19,169,779</b>	<b>59</b>	<b>276</b>	<b>0</b>	<b>124,800</b>	<b>105,342</b>	<b>230,142</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads (0 App/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Replacement (33,829 sq. ft.)	2	1,454,647	4	134	\$0	\$33,829	\$67,658	\$101,487	9.1
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>2</b>	<b>1,454,647</b>	<b>4</b>	<b>134</b>	<b>\$0</b>	<b>\$33,829</b>	<b>\$67,658</b>	<b>\$101,487</b>	
<b>TOTAL</b>	<b>490</b>	<b>20,624,426</b>	<b>63</b>	<b>410</b>	<b>\$0</b>	<b>\$158,629</b>	<b>\$173,000</b>	<b>\$331,629</b>	

$$^{(1)} \text{ Payback period} = \frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$



# City of Chino

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				IEUA Payback Period (years)
					Outside Funding	IEUA	MWD	Total	
<b>FY 2019-2020</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	7	56,120	0	3	\$0	\$420	\$280	\$700	2.9
High Efficiency Clothes Washers (HECW)	52	584,665	2	25	\$0	\$3,900	\$4,420	\$8,320	2.6
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	40	539,690	2	17	\$0	\$3,200	\$3,200	\$6,400	2.3
Turf Replacement (6,839 sq. ft.)	5	294,077	1	9	\$0	\$6,320	\$13,678	\$19,998	8.4
Rain Barrels	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cisterns	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
Landscape Tune-Up Program	5	378,044	1	2	\$0	\$865	\$625	\$1,490	0.9
Residential Landscape Retrofit Program (1 WBIC/ 0 Nozzles)	1	13,492	0	0	\$0	\$605	\$0	\$605	17.6
Res. Education, Survey, and Controller Upgrade Program (5 WBIC)	4	67,461	0	2	\$0	\$1,639	\$1,151	\$2,790	9.5
Residential Pressure Regulation Program	2	8,995	0	0	\$0	\$351	\$73	\$424	15.3
Leak Detection Pilot Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>116</b>	<b>1,942,544</b>	<b>6</b>	<b>59</b>	<b>0</b>	<b>17,300</b>	<b>23,427</b>	<b>40,727</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	59	248,042	0.76	8	\$0	\$885	\$2,065	\$2,950	1.4
Rotating Nozzles for Pop-up Spray Heads (0 App/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Replacement (0 sq. ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>59</b>	<b>248,042</b>	<b>1</b>	<b>8</b>	<b>\$0</b>	<b>\$885</b>	<b>\$2,065</b>	<b>\$2,950</b>	
<b>TOTAL</b>	<b>175</b>	<b>2,190,587</b>	<b>7</b>	<b>67</b>	<b>\$0</b>	<b>\$18,185</b>	<b>\$25,492</b>	<b>\$43,677</b>	

$$^{(1)} \text{ Payback period} = \frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# City of Chino

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				IEUA Payback Period (years)
					Outside Funding	IEUA	MWD	Total	
<b>FY 2018-2019</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	20	160,343	0	10	\$0	\$1,200	\$800	\$2,000	3.1
High Efficiency Clothes Washers (HECW)	63	708,344	2	30	\$0	\$4,725	\$5,355	\$10,080	2.7
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	26	350,799	1	11	\$0	\$2,080	\$2,080	\$4,160	2.4
Turf Removal (4,986 Sq. Ft.)	3	214,398	1	7	\$0	\$3,852	\$9,972	\$13,824	7.3
Rain Barrels	1	619	0	0	\$0	\$0	\$35	\$35	0.0
Cisterns	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
Landscape Tune-Up Program (1 Small Site/ 0 Large Sites)	1	13,655	0	0	\$541	\$0	\$0	\$541	0.0
Residential Landscape Retrofit Program (0 WBIC/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Res. Education, Survey, and Controller Upgrade Program (2 WBIC)	2	26,985	0	1	\$0	\$837	\$513	\$1,349	12.6
Residential Pressure Regulation Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>116</b>	<b>1,475,142</b>	<b>8</b>	<b>59</b>	<b>\$541</b>	<b>\$12,694</b>	<b>\$18,755</b>	<b>\$31,990</b>	<b>5.2</b>
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	4	16,816	0.05	1	\$0	\$60	\$140	\$200	1.5
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (0 Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Contro	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>4</b>	<b>16,816</b>	<b>0</b>	<b>1</b>	<b>\$0</b>	<b>\$60</b>	<b>\$140</b>	<b>\$200</b>	
<b>TOTAL</b>	<b>120</b>	<b>1,491,959</b>	<b>8</b>	<b>59</b>	<b>\$541</b>	<b>\$12,754</b>	<b>\$18,895</b>	<b>\$32,190</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# City of Chino

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2017-2018</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	7	56,120	0	3	\$0	\$420	\$280	\$700	5.3
High Efficiency Clothes Washers (HECW)	67	753,318	2	32	\$0	\$4,355	\$5,695	\$10,050	5.6
Rotating Nozzles for Pop-up Spray Heads (1 Apps/ 30 Nozzles)	30	43,012	0	1	\$0	\$90	\$60	\$150	1.5
Weather based Irrigation Controllers (WBIC)	24	323,814	1	10	\$0	\$1,680	\$1,920	\$3,600	4.7
Turf Removal (0 Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rain Barrels	2	1,238	0	0	\$0	\$0	\$70	\$70	23.9
Cisterns	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program (\$528.50 Total Cost)	151	216,528	1	3	\$0	\$227	\$302	\$529	1.0
Residential Landscape Retrofit Program (0 WBIC/ 0 Nozzles)	2	0	0	0	\$958	\$38	\$920	\$1,916	0.0
Residential Education, Survey, and Controller Upgrade Program (5 WBIC)	4	67,461	0	2	\$0	\$2,369	\$451	\$2,820	17.7
Residential Pressure Regulation Program	7	269,193	1	8	\$0	\$1,710	\$1,517	\$3,227	5.1
<b>Subtotal</b>	<b>294</b>	<b>1,730,685</b>	<b>5</b>	<b>60</b>	<b>\$958</b>	<b>\$10,889</b>	<b>\$11,215</b>	<b>\$23,062</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	80	641,371	2	39	\$0	\$4,800	\$3,200	\$8,000	5.3
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	2	8,408	0.03	0	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (0 Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program (\$0 Total Cost)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Subtotal	82	649,779	2	40	\$0	\$4,800	\$3,200	\$8,000	
<b>TOTAL</b>	<b>376</b>	<b>2,380,465</b>	<b>7</b>	<b>100</b>	<b>\$958</b>	<b>\$15,689</b>	<b>\$14,415</b>	<b>\$31,062</b>	

$$^{(1)} \text{ Payback period} = \frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$



# City of Chino

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2016-2017</b>									
<b>SoCal WaterSmart Residential Rebates</b>									
High Efficiency Toilets (HET)	40	320,686	1	20	\$0	\$3,080	\$1,480	\$4,560	6.2
High Efficiency Clothes Washers (HECW)	77	865,753	3	37	\$0	\$1,690	\$6,545	\$8,235	4.2
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	22	296,830	1	9	\$0	\$376	\$1,754	\$2,130	3.1
Turf Removal (22,224 Sq. Ft.)	15	941,564	3	29	\$0	\$0	\$44,448	\$44,448	20.7
Rain Barrels	7	4,334	0.01	0.07	\$0	\$0	\$525	\$525	53.1
Cisterns	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	200	286,792	1	4	\$0	\$320	\$400	\$720	1.1
Residential Landscape Retrofit Program (2 WBIC/0 Nozzles)	1	26,985	0.08	1	\$510	\$0	\$510	\$1,021	16.6
Residential Education, Survey, and Controller Upgrade Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Residential Pressure Regulation Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>362</b>	<b>2,742,944</b>	<b>8</b>	<b>100</b>	<b>\$510</b>	<b>\$5,466</b>	<b>\$55,662</b>	<b>\$61,639</b>	
<b>SoCal WaterSmart Commercial Rebates</b>									
High Efficiency Toilets (HET)	110	881,885	3	54	\$0	\$300	\$15,425	\$15,725	7.8
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (121,375 Sq. Ft.)	4	5,142,295	16	158	\$0	\$4,963	\$140,023	\$144,986	12.4
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Contro	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>114</b>	<b>6,024,180</b>	<b>18</b>	<b>212</b>	<b>\$0</b>	<b>\$5,263</b>	<b>\$155,448</b>	<b>\$160,711</b>	
<b>TOTAL</b>	<b>476</b>	<b>8,767,124</b>	<b>27</b>	<b>312</b>	<b>\$510</b>	<b>\$10,729</b>	<b>\$211,111</b>	<b>\$222,350</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# City of Chino

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2015-2016</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	183	2,534,687	8	156	\$0	\$4,884	\$17,915	\$22,799	4.1
High Efficiency Clothes Washers (HECW)	76	854,510	3	39	\$0	\$1,430	\$6,460	\$7,890	4.2
Rotating Nozzles for Pop-up Spray Heads	102	146,242	0	2	\$0	\$0	\$385	\$385	1.2
Weather based Irrigation Controllers (WBIC)	12	1,271,010	4	39	\$0	\$178	\$940	\$1,118	0.4
Turf Removal (44,912 Sq. Ft.)	25	1,902,787	6	58	\$0	\$0	\$86,424	\$86,424	20.5
Rain Barrels	16	9,907	0.03	0.15	\$0	\$0	\$1,200	\$1,200	54.7
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	108	154,868	0	2	\$0	\$173	\$216	\$389	1.1
Residential Landscape Retrofit Program (58 WBIC/245 Nozzles)	38	6,504,312	20	194	\$17,044	\$0	\$17,044	\$34,089	2.3
Landscape Transformation Program (2,400 Sq. Ft.)	3	109,502	0.34	3	\$720	\$7,554	\$0	\$8,274	32.7
Residential Pressure Regulation Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>563</b>	<b>13,487,825</b>	<b>41</b>	<b>494</b>	<b>\$17,764</b>	<b>\$14,218</b>	<b>\$130,585</b>	<b>\$162,567</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	253	3,504,240	11	215	\$0	\$11,550	\$30,450	\$42,000	5.2
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	29	3,071,608	9	94	\$0	\$2,340	\$37,239	\$39,579	5.6
Rotating Nozzles for Pop-up Spray Heads	5,350	7,671,686	24	118	\$0	\$0	\$21,400	\$21,400	1.2
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (409,006 Sq. Ft.)	11	17,328,357	53	532	\$0	\$97,945	\$578,136	\$676,082	16.9
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Contro	2,206	3,019,529	9	93	\$0	\$11,030	\$11,030	\$22,060	3.2
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>7,849</b>	<b>34,595,419</b>	<b>106</b>	<b>1,051</b>	<b>\$0</b>	<b>\$122,865</b>	<b>\$678,255</b>	<b>\$801,121</b>	
<b>TOTAL</b>	<b>8,412</b>	<b>48,083,244</b>	<b>148</b>	<b>1,546</b>	<b>\$17,764</b>	<b>\$137,084</b>	<b>\$808,840</b>	<b>\$963,688</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# City of Chino

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2014-2015</b>									
<b>SoCal WaterSmart Residential Rebates</b>									
High Efficiency Toilets (HET)	89	1,232,717	4	76	\$0	\$4,450	\$4,450	\$8,900	3.1
High Efficiency Clothes Washers (HECW)	86	773,556	2	36	\$0	\$5,590	\$7,310	\$12,900	7.2
Rotating Nozzles for Pop-up Spray Heads	82	117,585	0	2	\$0	\$82	\$328	\$410	1.5
Weather based Irrigation Controllers (WBIC)	2	211,835	1	7	\$0	\$140	\$160	\$300	0.6
Turf Removal (4,710 Sq. Ft.)	3	198,799	0.6	6	\$0	\$0	\$9,420	\$9,420	20.5
Rain Barrels	10	1,059,175	3	33	\$0	\$0	\$750	\$750	0.3
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	332	432,795	1	7	\$0	\$0	\$4,320	\$4,320	4.3
Residential Landscape Retrofit Program (47 WBIC/516 Nozzles)	32	5,716,286	18	164	\$29,305	\$0	\$29,305	\$58,610	4.4
Landscape Transformation Program (13,900 Sq. Ft.)	16	255,460	1	8	\$0	\$19,206	\$27,800	\$47,006	79.7
<b>Subtotal</b>	<b>652</b>	<b>9,998,208</b>	<b>31</b>	<b>337</b>	<b>\$29,305</b>	<b>\$29,468</b>	<b>\$83,843</b>	<b>\$142,615</b>	
<b>SoCal WaterSmart Commercial Rebates</b>									
High Efficiency Toilets (HET)	200	2,770,150	9	170	\$0	\$10,000	\$10,000	\$20,000	3.1
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	23	2,436,103	7	75	\$0	\$729	\$1,483	\$2,212	0.4
Rotating Nozzles for Pop-up Spray Heads	3,051	3,977,284	12	61	\$0	\$90	\$185	\$275	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (52,644 Sq. Ft.)	4	2,231,216	6.8	68	\$0	\$52,644	\$108,288	\$160,932	31.3
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>3,278</b>	<b>11,414,752</b>	<b>35</b>	<b>374</b>	<b>\$0</b>	<b>\$63,463</b>	<b>\$119,956</b>	<b>\$183,420</b>	
<b>TOTAL</b>	<b>3,930</b>	<b>21,412,960</b>	<b>66</b>	<b>712</b>	<b>\$29,305</b>	<b>\$92,931</b>	<b>\$203,799</b>	<b>\$326,035</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$



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					Outside Funding	IEUA	MWD	Total	
<b>FY 2013-2014</b>									
<b>SoCal WaterSmart Residential Rebates</b>									
High Efficiency Toilets (HET)	15	207,730	1	13	\$0	\$750	\$750	\$1,500	3.1
High Efficiency Clothes Washers (HECW)	70	629,544	2	29	\$0	\$4,550	\$5,950	\$10,500	7.2
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rain Barrels	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	325	423,670	1	7	\$0	\$0	\$3,900	\$3,900	4.0
Residential Landscape Retrofit Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Landscape Transformation Program (5,599 Sq. Ft.)	6	255,460	1	8	\$0	\$9,734	\$7,348	\$17,082	29.0
<b>Subtotal</b>	<b>416</b>	<b>1,516,404</b>	<b>5</b>	<b>56</b>	<b>\$0</b>	<b>\$15,034</b>	<b>\$17,948</b>	<b>\$32,982</b>	
<b>SoCal WaterSmart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	4	423,606	1	13	\$0	\$729	\$1,483	\$2,212	2.3
Rotating Nozzles for Pop-up Spray Heads	53	69,080	0	1	\$0	\$90	\$185	\$275	1.7
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	660	860,247	3	13	\$0	\$0	\$2,145	\$2,145	1.1
<b>Subtotal</b>	<b>717</b>	<b>1,352,933</b>	<b>4</b>	<b>27</b>	<b>\$0</b>	<b>\$819</b>	<b>\$3,813</b>	<b>\$4,633</b>	
<b>TOTAL</b>	<b>1,133</b>	<b>2,869,337</b>	<b>9</b>	<b>83</b>	<b>\$0</b>	<b>\$15,853</b>	<b>\$21,761</b>	<b>\$37,615</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

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## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2012-2013</b>									
<b>SoCal WaterSmart Residential Rebates</b>									
High Efficiency Toilets (HET)	3	41,546	0.13	2.55	\$0	\$150	\$150	\$300	3.2
High Efficiency Clothes Washers (HECW)	102	917,336	2.82	42.23	\$0	\$6,630	\$8,670	\$15,300	7.5
Rotating Nozzles for Pop-up Spray Heads	2	2,607	0.01	0.04	\$0	\$2	\$8	\$10	1.7
Weather based Irrigation Controllers (WBIC)	3	317,705	0.98	9.75	\$0	\$210	\$240	\$450	0.6
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	748	975,093	2.99	14.96	\$0	\$0	\$3,900	\$3,900	1.8
Residential Landscape Retrofit Program	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Landscape Transformation Program (5,648 Sq. Ft.)	6	257,696	0.79	7.91	\$1,412	\$4,688	\$5,648	\$11,748	20.4
<b>Subtotal</b>	<b>864</b>	<b>2,511,982</b>	<b>8</b>	<b>77</b>	<b>\$1,412</b>	<b>\$11,680</b>	<b>\$18,616</b>	<b>\$31,708</b>	
<b>IEUA High Efficiency Toilet (HET) Installation Prog.</b>									
IEUA Multi-Family Direct Install Prog. (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Single-Family Direct Install Prog. (HET)	102	1,412,564	4.34	86.70	\$7,481	\$3,637	\$5,100	\$16,218	5.1
<b>Subtotal</b>	<b>102</b>	<b>1,412,564</b>	<b>4</b>	<b>87</b>	<b>\$7,481</b>	<b>\$3,637</b>	<b>\$5,100</b>	<b>\$16,218</b>	
<b>SoCal WaterSmart Commercial Rebates</b>									
High Efficiency Toilets (HET)	1	13,849	0.04	0.85	\$0	\$50	\$50	\$100	3.2
Waterless Urinals	1	39,982	0.12	2.45	\$0	\$100	\$200	\$300	3.4
Cooling Tower Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
Fontana Unified School Retrofit Program	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
FreeSprinklerNozzles.com Program	3,340	4,353,369	13	67	\$0	\$0	\$10,020	\$10,020	1.0
<b>Subtotal</b>	<b>3,342</b>	<b>4,407,200</b>	<b>14</b>	<b>70</b>	<b>1</b>	<b>\$150</b>	<b>\$10,270</b>	<b>\$10,421</b>	
<b>TOTAL</b>	<b>4,308</b>	<b>8,331,746</b>	<b>26</b>	<b>234</b>	<b>\$8,894</b>	<b>\$15,467</b>	<b>\$33,986</b>	<b>\$58,347</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

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					Outside Funding	IEUA	MWD	Total	
<b>FY 2011-2012</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Clothes Washers (HECW)	126	1,133,179	3.48	52.16	\$0	\$0	\$10,710	\$10,710	4.5
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	2	211,803	0.65	6.50	\$0	\$90	\$160	\$250	0.6
FreeSprinklerNozzles.com Program	1,103	1,437,871	4.41	22.06	\$0	\$0	\$3,600	\$3,600	1.2
Residential Landscape Retrofit Program	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>1,231</b>	<b>2,782,853</b>	<b>9</b>	<b>81</b>	<b>\$0</b>	<b>\$90</b>	<b>\$14,470</b>	<b>\$14,560</b>	
<b>IEUA Mult-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	2	27,697	0.09	1.70	\$147	\$71	\$100	\$318	5.5
IEUA Single-Family Direct Install Prog. (HET)	82	1,135,591	3.49	69.70	\$6,014	\$2,924	\$4,100	\$13,038	5.5
<b>Subtotal</b>	<b>84</b>	<b>1,163,288</b>	<b>4</b>	<b>71</b>	<b>\$6,161</b>	<b>\$2,995</b>	<b>\$4,200</b>	<b>\$13,356</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	6	239,892	0.74	14.72	\$0	\$300	\$1,200	\$1,500	3.0
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
FreeSprinklerNozzles.com Program	1,855	2,417,814	7.42	37.10	\$0	\$0	\$5,565	\$5,565	1.1
Central Computerized Irrigation Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>1,861</b>	<b>2,657,706</b>	<b>8</b>	<b>52</b>	<b>\$0</b>	<b>\$300</b>	<b>\$6,765</b>	<b>\$7,065</b>	
<b>TOTAL</b>	<b>3,176</b>	<b>6,603,847</b>	<b>20</b>	<b>204</b>	<b>\$6,161</b>	<b>\$3,385</b>	<b>\$25,435</b>	<b>\$34,981</b>	

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					Outside Funding	IEUA	MWD	Total	
<b>FY 2010-2011</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Toilets (HET)	5	69,243	0.21	4.25	\$0	\$175	\$250	\$425	4.0
High Efficiency Clothes Washers (HECW)	199	1,789,704	5.49	82.39	\$0	\$0	\$16,915	\$16,915	6.2
Rotating Nozzles for Pop-up Spray Heads	90	117,306	0.36	1.80	\$0	\$180	\$270	\$450	0.0
Weather Based Irrigation Controllers (WBIC)	1	105,902	0.33	3.25	\$0	\$45	\$80	\$125	0.8
Synthetic Turf (600 Sq. Ft.)	1	27,376	0.08	0.84	\$0	\$270	\$180	\$450	10.7
FreeSprinklerNozzles.com Program	48	62,573	0.19	0.96	\$0	\$0	\$3,600	\$3,600	37.6
<b>Subtotal</b>	<b>344</b>	<b>2,172,104</b>	<b>7</b>	<b>93.49</b>	<b>\$0</b>	<b>\$670</b>	<b>\$21,295</b>	<b>\$21,965</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	1	13,849	0.04	0.85	\$73	\$36	\$50	\$159	0.0
<b>Subtotal</b>	<b>1</b>	<b>13,849</b>	<b>0.04</b>	<b>0.85</b>	<b>\$73</b>	<b>\$36</b>	<b>\$50</b>	<b>\$159</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	111	4,437,993	13.62	272.39	\$0	\$5,550	\$22,200	\$27,750	4.1
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>111</b>	<b>4,437,993</b>	<b>14</b>	<b>272</b>	<b>\$0</b>	<b>\$5,550</b>	<b>\$22,200</b>	<b>\$27,750</b>	
<b>TOTAL</b>	<b>456</b>	<b>6,623,945</b>	<b>20</b>	<b>367</b>	<b>\$73</b>	<b>\$6,256</b>	<b>\$43,545</b>	<b>\$49,874</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$



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					Outside Funding	IEUA	MWD	Total	
<b>FY 2009-2010</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Toilets (HET)	147	2,035,754	6.25	124.95	\$0	\$5,145	\$7,350	\$12,495	4.0
High Efficiency Clothes Washers (HECW)	49	440,681	1.35	20.29	\$0	\$2,450	\$5,390	\$7,840	11.6
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	1	105,902	0.33	3.25	\$0	\$45	\$80	\$125	0.8
Water Wise Landscape (Turf Buy Back) (0)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Synthetic Turf (1,404 Sq. Ft.)	3	64,049	0.20	1.97	\$0	\$632	\$421	\$1,053	10.7
<b>Subtotal</b>	<b>200</b>	<b>2,646,386</b>	<b>8</b>	<b>150</b>	<b>\$0</b>	<b>\$8,272</b>	<b>\$13,241</b>	<b>\$21,513</b>	
<b>IEUA Mult-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Tank	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	101	1,398,715	4.29	85.85	\$0	\$13,635	\$16,665	\$30,300	14.2
Waterless Urinals	15	599,729	1.84	36.81	\$0	\$0	\$6,000	\$6,000	6.5
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	1	105,902	0.33	3.25	\$0	\$120	\$200	\$320	2.0
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>117</b>	<b>2,104,346</b>	<b>6</b>	<b>126</b>	<b>\$0</b>	<b>\$13,755</b>	<b>\$22,865</b>	<b>\$36,620</b>	
<b>TOTAL</b>	<b>317</b>	<b>4,750,732</b>	<b>15</b>	<b>276</b>	<b>\$0</b>	<b>\$22,027</b>	<b>\$36,106</b>	<b>\$58,133</b>	

<sup>(1)</sup> Payback period = 
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Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2008-2009</b>									
<b>Residential Rebate Programs</b>									
Ultra Low Flush Toilets (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	178	2,465,063	7.57	151.30	\$0	\$0	\$29,370	\$29,370	7.8
High Efficiency Clothes Washers (HECW)	87	782,433	2.40	36.02	\$0	\$0	\$9,570	\$9,570	8.0
Rotating Nozzles for Pop-up Spray Heads	40	52,136	0.16	0.80	\$0	\$0	\$160	\$160	2.0
Weather Based Irrigation Controllers (WBIC)	1	105,902	0.33	3.25	\$0	\$0	\$80	\$80	0.5
Water Wise Landscape (Turf Buy Back) (5,966 Sq. Ft.)	4	272,164	0.84	8.35	\$0	\$7,300	\$0	\$7,300	17.5
Synthetic Turf (6,233 Sq. Ft.)	8	284,344	0.87	8.73	\$0	\$1,870	\$1,870	\$3,740	8.6
<b>Subtotal</b>	<b>318</b>	<b>3,962,042</b>	<b>12</b>	<b>208</b>	<b>\$0</b>	<b>\$9,170</b>	<b>\$41,050</b>	<b>\$50,220</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	235	3,254,437	9.99	199.75	\$17,235	\$8,380	\$38,775	\$64,390	12.9
<b>Subtotal</b>	<b>235</b>	<b>3,254,437</b>	<b>10</b>	<b>200</b>	<b>\$17,235</b>	<b>\$8,380</b>	<b>\$38,775</b>	<b>\$64,390</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
ULFT Tank	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	26	360,065	1.11	22.10	\$0	\$3,510	\$4,290	\$7,800	14.2
Waterless Urinals	29	1,159,476	3.56	71.17	\$0	\$0	\$11,600	\$11,600	6.5
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	3	26,980	0.08	0.83	\$0	\$300	\$240	\$540	13.1
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	8	847,213	2.60	26.00	\$0	\$0	\$5,352	\$5,352	4.1
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Nozzles	15	747,828	2.30	11.48	\$0	\$0	\$900	\$900	0.8
<b>Subtotal</b>	<b>81</b>	<b>3,141,562</b>	<b>10</b>	<b>132</b>	<b>\$0</b>	<b>\$3,810</b>	<b>\$22,382</b>	<b>\$26,192</b>	
<b>MWD Public Sector Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Central Computer Irrigation Controllers (CCIC)	44	14,222,744	43.65	436.48	\$0	\$0	\$212,530	\$212,530	9.8
Synthetic Turf (22,327 Sq. Ft.)	1	1,018,539	3.13	31.26	\$0	\$0	\$16,745	\$16,745	10.7
<b>Subtotal</b>	<b>45</b>	<b>15,241,283</b>	<b>47</b>	<b>468</b>	<b>\$0</b>	<b>\$0</b>	<b>\$229,275</b>	<b>\$229,275</b>	
<b>TOTAL</b>	<b>679</b>	<b>25,599,324</b>	<b>79</b>	<b>1,008</b>	<b>\$17,235</b>	<b>\$21,360</b>	<b>\$331,482</b>	<b>\$370,077</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# City of Chino

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2007-2008</b>									
<b>Residential Rebate Programs</b>									
Ultra Low Flush Toilets (ULFT)	6	74,099	0.23	4.55	\$0	\$0	\$360	\$360	3.7
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers (HECW)	170	1,528,893	4.69	70.38	\$0	\$0	\$18,700	\$18,700	9.3
Rotating Nozzles for Pop-up Spray Heads	22	28,675	0.09	0.44	\$0	\$0	\$88	\$88	2.3
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Wise Landscape (Turf Buy Back) (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Synthetic Turf (2,215 Sq. Ft.)	3	101,046	0.31	3.10	\$0	\$665	\$665	\$1,329	10.0
<b>Subtotal</b>	<b>201</b>	<b>1,732,713</b>	<b>5</b>	<b>78</b>	<b>\$0</b>	<b>\$665</b>	<b>\$19,813</b>	<b>\$20,477</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
IEUA Multi-Family Direct Install Prog. (HET/ULFT)	28	345,793	1.06	21.22	\$2,054	\$998	\$1,680	\$4,732	10.4
<b>Subtotal</b>	<b>28</b>	<b>345,793</b>	<b>1</b>	<b>21</b>	<b>\$2,054</b>	<b>\$998</b>	<b>\$1,680</b>	<b>\$4,732</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
ULFT Tank	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	158	2,188,089	6.72	134.30	\$0	\$21,330	\$26,070	\$47,400	16.5
Waterless Urinals	90	3,598,373	11.04	220.86	\$0	\$0	\$36,000	\$36,000	7.6
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Synthetic Turf (30,400 Sq. Ft.)	2	1,386,822	4.26	42.56	\$0	\$9,120	\$9,120	\$18,240	10.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>250</b>	<b>7,173,284</b>	<b>22</b>	<b>398</b>	<b>\$0</b>	<b>\$30,450</b>	<b>\$71,190</b>	<b>\$101,640</b>	
<b>MWD Public Sector Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	51	2,039,078	6.26	125.15	\$0	\$0	\$62,475	\$62,475	23.4
Water Brooms	42	2,099,393	6.44	32.21	\$0	\$0	\$15,960	\$15,960	5.8
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Central Computer Irrigation Controllers (CCIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>93</b>	<b>4,138,471</b>	<b>13</b>	<b>157</b>	<b>\$0</b>	<b>\$0</b>	<b>\$78,435</b>	<b>\$78,435</b>	
<b>TOTAL</b>	<b>572</b>	<b>13,390,260</b>	<b>41</b>	<b>655</b>	<b>\$2,054</b>	<b>\$32,113</b>	<b>\$171,118</b>	<b>\$205,284</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# City of Chino

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2006-2007</b>									
<b>Residential Rebate Programs</b>									
Ultra Low Flush Toilets (ULFT)	11	124,377	0.38	7.63	\$0	\$0	\$660	\$660	4.0
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers (HECW)	146	4,024,781	12.35	185.27	\$0	\$0	\$16,060	\$16,060	3.0
Rotating Sprinkler Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC) - Rebate	2	423,606	1.30	13.00	\$0	\$320	\$160	\$480	0.9
Weather Based Irrigation Controllers (WBIC) - Distribution	28	5,930,488	18.20	182.00	\$0	\$0	\$6,720	\$6,720	0.9
<b>Subtotal</b>	<b>187</b>	<b>10,503,253</b>	<b>32</b>	<b>388</b>	<b>\$0</b>	<b>\$320</b>	<b>\$23,600</b>	<b>\$23,920</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Toilet Program (HET/ULFT)	944	10,673,836	32.76	655.14	\$69,233	\$33,663	\$56,640	\$159,536	11.4
<b>Subtotal</b>	<b>944</b>	<b>10,673,836</b>	<b>33</b>	<b>655</b>	<b>\$69,233</b>	<b>\$33,663</b>	<b>\$56,640</b>	<b>\$159,536</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
ULFT Tank	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Zero Water Urinal	1	39,917	0.12	2.45	\$0	\$0	\$400	\$400	7.6
Conductivity Controller	1	209,848	0.64	3.22	\$0	\$0	\$625	\$625	2.3
High Efficiency Clothes Washers (HECW)	24	661,608	2.03	30.46	\$0	\$1,680	\$3,120	\$4,800	5.5
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	2	423,606	1.30	13.00	\$0	\$0	\$1,260	\$1,260	2.3
<b>Subtotal</b>	<b>28</b>	<b>12,008,815</b>	<b>37</b>	<b>704</b>	<b>\$69,233</b>	<b>\$35,343</b>	<b>\$62,045</b>	<b>\$166,621</b>	
<b>TOTAL</b>	<b>1,159</b>	<b>33,185,904</b>	<b>102</b>	<b>1,747</b>	<b>\$138,466</b>	<b>\$69,326</b>	<b>\$142,285</b>	<b>\$350,077</b>	

(1) Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$



# City of Chino

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2005-2006</b>									
<b>Residential Programs</b>									
City Event (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Regional Event (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Rebate Program (ULFT)	33	373,132	1.15	22.90	\$0	\$33	\$1,980	\$2,013	4.1
High Efficiency Clothes Washers	128	1,151,166	3.53	52.99	\$0	\$128	\$14,080	\$14,208	9.4
<b>Subtotal</b>	<b>161</b>	<b>1,524,298</b>	<b>5</b>	<b>76</b>	<b>\$0</b>	<b>\$161</b>	<b>\$16,060</b>	<b>\$16,221</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	145	1,639,519	5.03	100.63	\$0	\$15,225	\$8,700	\$23,925	11.1
<b>Subtotal</b>	<b>145</b>	<b>1,639,519</b>	<b>5</b>	<b>101</b>	<b>\$0</b>	<b>\$15,225</b>	<b>\$8,700</b>	<b>\$23,925</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT's (Tank)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Spray Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>TOTAL</b>	<b>306</b>	<b>3,163,818</b>	<b>10</b>	<b>177</b>	<b>\$0</b>	<b>\$15,386</b>	<b>\$24,760</b>	<b>\$40,146</b>	

<b>FY 2004-2005</b>									
<b>Residential Programs</b>									
City Event (ULFT)	236	2,668,459	8.19	163.78	\$0	\$1,534	\$14,160	\$15,694	4.5
IEUA Regional Event (ULFT)	2	22,614	0.07	1.39	\$0	\$22	\$120	\$142	4.8
IEUA Rebate Program (ULFT)	44	497,509	1.53	30.54	\$0	\$44	\$2,640	\$2,684	4.1
High Efficiency Clothes Washers	195	1,753,730	5.38	80.73	\$0	\$195	\$21,450	\$21,645	9.4
Pool Cover Rebates	6	102,492	0.31	1.57	\$0	\$1,219	\$0	\$1,219	9.1
<b>Subtotal</b>	<b>483</b>	<b>5,044,804</b>	<b>15</b>	<b>278</b>	<b>\$0</b>	<b>\$3,014</b>	<b>\$38,370</b>	<b>\$41,384</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	8	90,456	0.28	5.55	\$0	\$840	\$480	\$1,320	11.1
<b>Subtotal</b>	<b>8</b>	<b>90,456</b>	<b>0</b>	<b>6</b>	<b>\$0</b>	<b>\$840</b>	<b>\$480</b>	<b>\$1,320</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT (Tank)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	18	161,883	0.50	7.45	\$0	\$0	\$4,500	\$4,500	21.2
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Spray Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
X-Ray Film Processor (MWD CII)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>18</b>	<b>161,883</b>	<b>0</b>	<b>7</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,500</b>	<b>\$4,500</b>	
<b>TOTAL</b>	<b>509</b>	<b>5,297,143</b>	<b>16</b>	<b>291</b>	<b>\$0</b>	<b>\$3,854</b>	<b>\$43,350</b>	<b>\$47,204</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# City of Chino

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2003-2004</b>									
<b>Residential Programs</b>									
City Event (ULFT)	287	3,245,118	9.96	199.18	\$0	\$574	\$17,220	\$17,794	4.7
IEUA Regional Event (ULFT)	2	22,614	0.07	1.39	\$0	\$22	\$120	\$142	3.4
IEUA Rebate Program (ULFT)+A43	130	1,469,914	4.51	90.22	\$0	\$130	\$7,800	\$7,930	4.6
High Efficiency Clothes Washers	130	1,169,153	3.59	53.82	\$0	\$130	\$14,300	\$14,430	5.7
Pool Cover Rebates	23	802,854	2.46	12.30	\$0	\$1,219	\$0	\$1,219	2.4
<b>Subtotal</b>	<b>572</b>	<b>6,709,653</b>	<b>21</b>	<b>357</b>	<b>\$0</b>	<b>\$2,075</b>	<b>\$39,440</b>	<b>\$41,515</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	106	1,198,545	3.68	73.56	\$0	\$3,604	\$6,360	\$9,964	4.2
<b>Subtotal</b>	<b>106</b>	<b>1,198,545</b>	<b>4</b>	<b>74</b>	<b>\$0</b>	<b>\$3,604</b>	<b>\$6,360</b>	<b>\$9,964</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Clothes Washers	18	161,883	0.50	7.45	\$0	\$0	\$4,500	\$4,500	5.1
Water Brooms (Rebate)	2	99,971	0.31	1.53	\$0	\$0	\$200	\$200	1.6
Water Brooms (Distribution)	24	1,199,653	3.68	18.41	\$0	\$2,400	\$2,400	\$4,800	3.1
Pre-Rinse Spray Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>44</b>	<b>1,461,507</b>	<b>4</b>	<b>27</b>	<b>\$0</b>	<b>\$2,400</b>	<b>\$7,100</b>	<b>\$9,500</b>	
<b>TOTAL</b>	<b>722</b>	<b>9,369,705</b>	<b>29</b>	<b>458</b>	<b>\$0</b>	<b>\$8,079</b>	<b>\$52,900</b>	<b>\$60,979</b>	

<b>FY 2002-2003</b>									
<b>Residential Programs</b>									
City Event (ULFT)	370	4,183,601	12.84	256.78	\$0	\$740	\$22,200	\$22,940	4.7
IEUA Regional Event (ULFT)	33	373,132	1.15	22.90	\$0	\$363	\$1,980	\$2,343	5.6
IEUA Rebate Program (ULFT)	14	158,298	0.49	9.72	\$0	\$14	\$840	\$854	5.1
High Efficiency Clothes Washers	127	1,142,173	3.51	52.58	\$0	\$127	\$13,970	\$14,097	5.8
Pool Cover Rebates	25	1,246,986	3.83	19.15	\$0	\$1,325	\$0	\$1,325	2.4
<b>Subtotal</b>	<b>569</b>	<b>7,104,190</b>	<b>22</b>	<b>361</b>	<b>\$0</b>	<b>\$2,569</b>	<b>\$38,990</b>	<b>\$41,559</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	158	1,786,511	5.48	109.65	\$0	\$5,372	\$9,480	\$14,852	4.2
<b>Subtotal</b>	<b>158</b>	<b>1,786,511</b>	<b>5</b>	<b>110</b>	<b>\$0</b>	<b>\$5,372</b>	<b>\$9,480</b>	<b>\$14,852</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Clothes Washers	42	377,726	1.16	17.39	\$0	\$0	\$10,500	\$10,500	5.0
Water Brooms	9	449,870	1.38	6.90	\$0	\$900	\$900	\$1,800	3.1
Pre-Rinse Spray Nozzles	65	84,721	0.26	1.30	\$0	\$0	\$3,250	\$3,250	0.6
X-Ray Film Processor (MWD CII)	4	4,170,893	12.80	64.00	\$0	\$0	\$8,000	\$8,000	1.5
Restaurant Table Tent Program	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Subtotal</b>	<b>120</b>	<b>5,083,210</b>	<b>16</b>	<b>90</b>	<b>\$0</b>	<b>\$900</b>	<b>\$22,650</b>	<b>\$23,550</b>	
<b>TOTAL</b>	<b>847</b>	<b>13,973,911</b>	<b>43</b>	<b>560</b>	<b>\$0</b>	<b>\$8,841</b>	<b>\$71,120</b>	<b>\$79,961</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$



City of Chino Hills  
Regional Water Use Efficiency Programs  
Summary Charts

# City of Chino Hills

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				IEUA Payback Period (years)
					Outside Funding	IEUA	MWD	Total	
<b>FY 2020-2021</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	10	80,171	0	5	\$0	\$600	\$400	\$1,000	2.9
High Efficiency Clothes Washers (HECW)	108	1,214,303	4	52	\$1,450	\$8,100	\$9,180	\$18,730	2.6
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	85	1,146,842	4	35	\$0	\$6,800	\$6,454	\$13,254	2.3
Hose Bib Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Replacement (19,135 sq. ft.)	16	1,148,100	4	106	\$0	\$19,135	\$38,270	\$57,405	6.5
Rain Barrels	1	619	0	0	\$0	\$0	\$35	\$35	0.0
Cisterns	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
Landscape Tune-Up Program	446	33,721,525	103	207	\$0	\$93,016	\$66,750	\$159,766	1.1
Residential Landscape Retrofit Program (106 WBIC/ 248 Nozzles)	77	1,785,802	5	49	\$0	\$53,758	\$10,540	\$64,298	11.8
Res. Education, Survey, and Controller Upgrade Program (287 WBIC)	262	3,872,279	12	119	\$0	\$87,638	\$78,119	\$165,758	8.9
Residential Pressure Regulation Program	83	373,286	1	11	\$0	\$48,496	\$2,100	\$50,596	51.0
Leak Detection Pilot Program	96	2,346,480	7	72	\$0	\$7,252	\$9,195	\$16,447	1.2
<b>Subtotal</b>	<b>1,184</b>	<b>45,689,407</b>	<b>140</b>	<b>657</b>	<b>\$1,450</b>	<b>\$324,796</b>	<b>\$221,043</b>	<b>\$547,289</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	33	138,736	0.43	4	\$0	\$495	\$1,155	\$1,650	1.4
Rotating Nozzles for Pop-up Spray Heads (0 App/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Replacement (29,213 sq. ft.)	3	1,256,159	4	116	\$0	\$29,213	\$58,426	\$87,639	9.1
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Contro	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>36</b>	<b>1,394,895</b>	<b>4</b>	<b>120</b>	<b>\$0</b>	<b>\$29,708</b>	<b>\$59,581</b>	<b>\$89,289</b>	
<b>TOTAL</b>	<b>1,220</b>	<b>47,084,302</b>	<b>144</b>	<b>776</b>	<b>\$1,450</b>	<b>\$354,504</b>	<b>\$280,624</b>	<b>\$636,578</b>	

$$^{(1)} \text{ Payback period} = \frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$



# City of Chino Hills

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				IEUA Payback Period (years)
					Outside Funding	IEUA	MWD	Total	
<b>FY 2019-2020</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	4	32,069	0	2	\$0	\$240	\$160	\$400	2.9
High Efficiency Clothes Washers (HECW)	47	528,447	2	23	\$0	\$3,525	\$3,995	\$7,520	2.6
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	85	1,146,842	4	35	\$0	\$6,800	\$6,800	\$13,600	2.3
Turf Replacement (19,357 sq. ft.)	18	832,351	3	26	\$0	\$19,007	\$38,714	\$57,721	9.0
Rain Barrels	2	1,238	0	0	\$0	\$0	\$70	\$70	0.0
Cisterns	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
Landscape Tune-Up Program	218	16,482,718	51	101	\$0	\$53,407	\$27,310	\$80,717	1.3
Residential Landscape Retrofit Program (54 WBIC/ 65 Nozzles)	41	821,789	3	24	\$808	\$14,765	\$15,729	\$31,302	7.1
Res. Education, Survey, and Controller Upgrade Program (238 WBIC)	217	3,211,158	10	99	\$0	\$100,004	\$42,303	\$142,307	12.2
Residential Pressure Regulation Program	58	260,850	1	8	\$0	\$19,181	\$13,481	\$32,662	28.9
Leak Detection Pilot Program	84	2,053,170	6	63	\$0	\$14,391	\$0	\$14,391	2.8
<b>Subtotal</b>	<b>774</b>	<b>25,370,633</b>	<b>78</b>	<b>380</b>	<b>\$808</b>	<b>\$231,319</b>	<b>\$148,562</b>	<b>\$380,690</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	8	33,633	0.10	1	\$0	\$120	\$280	\$400	1.4
Rotating Nozzles for Pop-up Spray Heads (0 App/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Replacement (77,620 sq. ft.)	6	3,337,660	10	102	\$10,000	\$45,823	\$155,240	\$211,063	5.4
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>14</b>	<b>3,371,293</b>	<b>10</b>	<b>103</b>	<b>\$10,000</b>	<b>\$45,943</b>	<b>\$155,520</b>	<b>\$211,463</b>	
<b>TOTAL</b>	<b>788</b>	<b>28,741,926</b>	<b>88</b>	<b>483</b>	<b>\$10,808</b>	<b>\$277,262</b>	<b>\$304,082</b>	<b>\$592,153</b>	

$$^{(1)} \text{ Payback period} = \frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# City of Chino Hills

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				IEUA Payback Period (years)
					Outside Funding	IEUA	MWD	Total	
<b>FY 2018-2019</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	12	96,206	0	6	\$0	\$720	\$480	\$1,200	3.1
High Efficiency Clothes Washers (HECW)	69	775,805	2	33	\$0	\$5,175	\$5,865	\$11,040	2.7
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	79	1,065,889	3	33	\$0	\$6,320	\$6,320	\$12,640	2.4
Turf Removal (1,002 Sq. Ft.)	2	43,086	0.1	1	\$0	\$1,002	\$2,004	\$3,006	9.5
Rain Barrels	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cisterns	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
Landscape Tune-Up Program (8 Small Sites/ 5 Large Sites)	13	N/A	N/A	N/A	\$7,037	\$0	\$0	\$7,037	0.0
Residential Landscape Retrofit Program (9 WBIC/ 76 Nozzles)	9	230,411	1	5	\$4,068	\$0	\$4,234	\$8,303	0.0
Res. Education, Survey, and Controller Upgrade Program (24 WBIC)	24	323,814	1	10	\$0	\$10,040	\$6,153	\$16,193	12.6
Residential Pressure Regulation Program	92	3,537,970	11	109	\$0	\$24,400	\$23,443	\$47,843	2.8
<b>Subtotal</b>	<b>300</b>	<b>6,073,181</b>	<b>8</b>	<b>197</b>	<b>\$11,105</b>	<b>\$47,656</b>	<b>\$48,500</b>	<b>\$107,261</b>	<b>17.3</b>
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	15	63,062	0.19	2	\$0	\$225	\$525	\$750	1.5
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (0 Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Contro	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>15</b>	<b>63,062</b>	<b>0</b>	<b>2</b>	<b>\$0</b>	<b>\$3,833</b>	<b>\$525</b>	<b>\$4,358</b>	
<b>TOTAL</b>	<b>315</b>	<b>6,136,243</b>	<b>9</b>	<b>199</b>	<b>\$11,105</b>	<b>\$51,489</b>	<b>\$49,025</b>	<b>\$111,618</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# City of Chino Hills

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2017-2018</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	21	168,360	1	10	\$0	\$1,260	\$840	\$2,100	5.3
High Efficiency Clothes Washers (HECW)	76	854,510	3	37	\$0	\$4,940	\$6,460	\$11,400	5.6
Rotating Nozzles for Pop-up Spray Heads (1 Apps/ 33 Nozzles)	33	47,314	0	1	\$0	\$99	\$66	\$165	1.5
Weather based Irrigation Controllers (WBIC)	39	526,198	2	16	\$0	\$2,730	\$3,120	\$5,850	4.7
Turf Removal (0 Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rain Barrels	2	0	0	0	\$0	\$0	\$70	\$70	0.0
Cisterns	2	0	0	0	\$0	\$0	\$600	\$600	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program (\$350.00 Total Cost)	100	143,396	0	2	\$0	\$150	\$200	\$350	1.0
Residential Landscape Retrofit Program (73 WBIC/ 1,117 Nozzles)	54	2,586,668	8	60	\$25,866	\$1,035	\$24,831	\$51,732	8.5
Residential Education, Survey, and Controller Upgrade Program (40 W	34	539,690	2	17	\$0	\$20,135	\$3,835	\$23,970	18.8
Residential Pressure Regulation Program	90	3,461,058	11	106	\$0	\$21,990	\$19,500	\$41,490	5.1
<b>Subtotal</b>	<b>451</b>	<b>8,327,194</b>	<b>26</b>	<b>248</b>	<b>\$25,866</b>	<b>\$52,338</b>	<b>\$59,523</b>	<b>\$137,727</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (0 Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Contro	288	394,209	1	0	\$0	\$2,880	\$1,440	\$4,320	4.6
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program (\$0 Total Cost)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>288</b>	<b>394,209</b>	<b>1</b>	<b>0</b>	<b>\$0</b>	<b>\$2,880</b>	<b>\$1,440</b>	<b>\$4,320</b>	
<b>TOTAL</b>	<b>739</b>	<b>8,721,403</b>	<b>27</b>	<b>248</b>	<b>\$25,866</b>	<b>\$55,218</b>	<b>\$60,963</b>	<b>\$142,047</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# City of Chino Hills

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2016-2017</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	23	184,394	1	11	\$0	\$478	\$940	\$1,418	3.4
High Efficiency Clothes Washers (HECW)	101	1,135,599	3	49	\$0	\$2,340	\$8,585	\$10,925	4.2
Rotating Nozzles for Pop-up Spray Heads	80	114,700	0.35	2	\$0	\$80	\$131	\$211	0.8
Weather based Irrigation Controllers (WBIC)	71	957,950	3	29	\$0	\$2,385	\$5,680	\$8,065	3.7
Turf Removal (11,439 Sq. Ft.)	13	484,636	1	15	\$0	\$0	\$22,878	\$22,878	20.7
Rain Barrels	1	619	0.002	0.01	\$0	\$0	\$35	\$35	24.8
Cisterns	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	124	177,811	1	3	\$0	\$198	\$248	\$446	1.1
Residential Landscape Retrofit Program (58 WBIC/757 Nozzles)	38	1,868,059	6	41	\$19,125	\$1,058	\$18,067	\$38,250	9.0
Residential Education, Survey, and Controller Upgrade Program	9	121,430	0.37	4	\$0	\$5,048	\$882	\$5,930	21.4
Residential Pressure Regulation Program	73	1,724,989	5	53	\$0	\$12,133	\$10,692	\$22,825	5.8
<b>Subtotal</b>	<b>533</b>	<b>6,770,187</b>	<b>21</b>	<b>206</b>	<b>\$19,125</b>	<b>\$23,720</b>	<b>\$68,138</b>	<b>\$110,983</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	5,175	7,420,743	23	114	\$0	\$10,350	\$10,350	\$20,700	1.2
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (122,745 Sq. Ft.)	7	5,200,337	16	160	\$0	\$59,215	\$139,745	\$198,960	16.8
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Contro	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>5,182</b>	<b>12,621,080</b>	<b>39</b>	<b>273</b>	<b>\$0</b>	<b>\$69,565</b>	<b>\$150,095</b>	<b>\$219,660</b>	
<b>TOTAL</b>	<b>5,715</b>	<b>19,391,267</b>	<b>60</b>	<b>479</b>	<b>\$19,125</b>	<b>\$93,285</b>	<b>\$218,233</b>	<b>\$330,643</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$



# City of Chino Hills

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2015-2016</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	331	4,584,598	14	281	\$0	\$5,194	\$31,578	\$36,772	3.6
High Efficiency Clothes Washers (HECW)	107	1,203,060	4	55	\$0	\$3,250	\$8,925	\$12,175	4.6
Rotating Nozzles for Pop-up Spray Heads	52	74,555	0	1	\$0	\$0	\$142	\$142	0.9
Weather based Irrigation Controllers (WBIC)	30	3,177,525	10	98	\$0	\$637	\$2,267	\$2,903	0.4
Turf Removal (108,896 Sq. Ft.)	76	4,613,597	14	142	\$0	\$0	\$208,966	\$208,966	20.5
Rain Barrels	69	42,725	0.13	1	\$0	\$0	\$5,159	\$5,159	54.6
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	295	423,018	1	6	\$0	\$472	\$590	\$1,062	1.1
Residential Landscape Retrofit Program (19 WBIC/163 Nozzles)	12	2,246,168	7	65	\$6,354	\$0	\$6,354	\$12,709	2.6
Landscape Transformation Program (Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Residential Pressure Regulation Program	10	3,910,800	12	120	\$0	\$3,419	\$2,281	\$5,700	0.7
<b>Subtotal</b>	<b>982</b>	<b>20,276,046</b>	<b>62</b>	<b>769</b>	<b>\$6,354</b>	<b>\$12,972</b>	<b>\$266,261</b>	<b>\$285,587</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	14	193,911	1	12	\$0	\$0	\$2,030	\$2,030	4.7
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	38	4,024,865	12	124	\$0	\$0	\$15,050	\$15,050	1.7
Rotating Nozzles for Pop-up Spray Heads	800	1,147,168	4	18	\$0	\$0	\$3,200	\$3,200	1.3
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (286,701 Sq. Ft.)	14	12,146,661	37	373	\$0	\$224,981	\$570,402	\$795,383	29.6
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Contro	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	544	709,158	2	11	\$0	\$1,243	\$1,088	\$2,331	1.5
<b>Subtotal</b>	<b>1,410</b>	<b>18,221,763</b>	<b>56</b>	<b>537</b>	<b>\$0</b>	<b>\$226,223</b>	<b>\$591,770</b>	<b>\$817,993</b>	
<b>TOTAL</b>	<b>2,392</b>	<b>38,497,809</b>	<b>118</b>	<b>1,306</b>	<b>\$6,354</b>	<b>\$239,195</b>	<b>\$858,031</b>	<b>\$1,103,581</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# City of Chino Hills

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2014-2015</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	342	4,736,957	15	291	\$0	\$17,100	\$17,100	\$34,200	3.1
High Efficiency Clothes Washers (HECW)	154	1,385,205	4	64	\$0	\$10,010	\$13,090	\$23,100	7.2
Rotating Nozzles for Pop-up Spray Heads	409	533,172	2	8	\$0	\$409	\$1,636	\$2,045	1.7
Weather based Irrigation Controllers (WBIC)	8	847,340	3	26	\$0	\$560	\$640	\$1,200	0.6
Turf Removal (1,505 Sq. Ft.)	3	61,921	0.2	2	\$0	\$0	\$3,010	\$3,010	21.8
Rain Barrels	24	2,542,020	8	78	\$0	\$0	\$1,800	\$1,800	0.3
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	737	960,753	3	15	\$0	\$0	\$5,850	\$5,850	2.6
Residential Landscape Retrofit Program (65 WBIC/1,138 Nozzles)	43	8,473,400	26	236	\$44,560	\$0	\$44,560	\$89,120	4.6
Landscape Transformation Program (13,820 Sq. Ft.)	16	268,235	1	8	\$0	\$19,124	\$27,640	\$46,764	62.2
<b>Subtotal</b>	<b>1,736</b>	<b>19,809,004</b>	<b>61</b>	<b>728</b>	<b>\$44,560</b>	<b>\$47,203</b>	<b>\$115,326</b>	<b>\$207,089</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	2	27,702	0	2	\$0	\$270	\$330	\$600	9.4
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	9	953,258	3	29	\$0	\$7,934	\$30,416	\$38,350	17.4
Rotating Nozzles for Pop-up Spray Heads	372	484,939	1	7	\$0	\$372	\$1,488	\$1,860	1.7
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (521,813 Sq. Ft.)	23	22,107,651	68	678	\$0	\$486,570	\$1,077,150	\$1,563,720	30.7
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>406</b>	<b>23,573,550</b>	<b>72</b>	<b>717</b>	<b>\$0</b>	<b>\$495,146</b>	<b>\$1,109,384</b>	<b>\$1,604,531</b>	
<b>TOTAL</b>	<b>2,142</b>	<b>43,382,553</b>	<b>133</b>	<b>1,444</b>	<b>\$44,560</b>	<b>\$542,349</b>	<b>\$1,224,710</b>	<b>\$1,811,620</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# City of Chino Hills

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2013-2014</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	76	1,052,499	3.23	64.60	\$0	\$3,800	\$3,800	\$7,600	3.1
High Efficiency Clothes Washers (HECW)	140	1,259,088	3.86	57.96	\$0	\$9,100	\$11,900	\$21,000	7.2
Rotating Nozzles for Pop-up Spray Heads	3	3,910	0.01	0.06	\$0	\$3	\$12	\$15	1.7
Weather based Irrigation Controllers (WBIC)	4	423,606	1.30	13.00	\$0	\$280	\$320	\$600	0.6
Rain Barrels	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	490	638,764	1.96	9.80	\$0	\$0	\$5,281	\$5,281	3.6
Residential Landscape Retrofit Program (51 WBIC/442 Nozzles)	30	6,192,100	19.00	177.00	\$16,455	\$0	\$16,455	\$32,911	2.3
Landscape Transformation Program (5,879 Sq. Ft.)	8	268,235	0.82	8.23	\$0	\$14,159	\$5,879	\$20,038	32.4
<b>Subtotal</b>	<b>751</b>	<b>9,838,203</b>	<b>30</b>	<b>331</b>	<b>\$16,455</b>	<b>\$27,342</b>	<b>\$43,648</b>	<b>\$87,445</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	52	5,506,882	16.90	169.00	\$0	\$7,934	\$30,416	\$38,350	3.0
Rotating Nozzles for Pop-up Spray Heads	1,805	2,352,644	7.22	36.10	\$0	\$1,805	\$7,220	\$9,025	1.7
Large Rotary Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Turf Removal	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	2,635	3,434,470	11	53	\$0	\$0	\$8,564	\$8,564	1.1
<b>Subtotal</b>	<b>4,492</b>	<b>11,293,996</b>	<b>35</b>	<b>258</b>	<b>\$0</b>	<b>\$9,739</b>	<b>\$46,200</b>	<b>\$55,940</b>	
<b>TOTAL</b>	<b>5,243</b>	<b>21,132,198</b>	<b>65</b>	<b>588</b>	<b>\$16,455</b>	<b>\$37,081</b>	<b>\$89,847</b>	<b>\$143,384</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# City of Chino Hills

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2012-2013</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers (HECW)	125	1,124,186	3.45	51.75	\$0	\$8,125	\$10,625	\$18,750	7.5
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	5	529,508	1.63	16.25	\$0	\$350	\$400	\$750	0.6
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	3,572	4,656,459	14.29	71.44	\$0	\$0	\$5,281	\$5,281	0.5
Residential Landscape Retrofit Program	21	5,540,300	17.00	135.00	\$12,311	\$2,004	\$14,316	\$28,631	2.3
Landscape Transformation Program (2,666 Sq. Ft.)	4	121,639	0.37	3.73	\$667	\$2,213	\$2,666	\$5,545	20.4
<b>Subtotal</b>	<b>3,727</b>	<b>11,972,092</b>	<b>37</b>	<b>278</b>	<b>\$12,978</b>	<b>\$12,692</b>	<b>\$33,288</b>	<b>\$58,957</b>	
<b>IEUA High Efficiency Toilet (HET) Installation Prog.</b>									
IEUA Multi-Family Direct Install Prog. (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Single-Family Direct Install Prog. (HET)	81	1,121,742	3.44	68.85	\$5,941	\$2,888	\$4,050	\$12,879	5.1
<b>Subtotal</b>	<b>81</b>	<b>1,121,742</b>	<b>3</b>	<b>69</b>	<b>\$5,941</b>	<b>\$2,888</b>	<b>\$4,050</b>	<b>\$12,879</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	9	953,114	2.93	29.25	\$0	\$5,517	\$8,500	\$14,017	6.6
Rotating Nozzles for Pop-up Spray Heads	1,718	2,239,248	6.87	34.36	\$0	\$1,718	\$6,872	\$8,590	1.7
Large Rotary Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
Fontana Unified School Retrofit Program	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
FreeSprinklerNozzles.com Program	1,760	2,293,991	7.04	35.20	\$0	\$0	\$5,720	\$5,720	1.1
<b>Subtotal</b>	<b>3,487</b>	<b>5,486,353</b>	<b>17</b>	<b>99</b>	<b>\$0</b>	<b>\$7,235</b>	<b>\$21,092</b>	<b>\$28,328</b>	
<b>TOTAL</b>	<b>7,295</b>	<b>18,580,187</b>	<b>57</b>	<b>446</b>	<b>\$18,918</b>	<b>\$22,815</b>	<b>\$58,430</b>	<b>\$100,164</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$



# City of Chino Hills

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2011-2012</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Clothes Washers (HECW)	232	2,086,489	6.40	96.05	\$0	\$0	\$19,720	\$19,720	4.5
Rotating Nozzles for Pop-up Spray Heads	31	40,406	0.12	0.62	\$0	\$62	\$93	\$155	1.8
Weather Based Irrigation Controllers (WBIC)	7	741,311	2.28	22.75	\$0	\$315	\$560	\$875	0.6
FreeSprinklerNozzles.com Program	1,995	2,600,682	7.98	39.90	\$0	\$0	\$4,875	\$4,875	0.9
Residential Landscape Retrofit Program	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>2,265</b>	<b>5,468,888</b>	<b>17</b>	<b>159</b>	<b>\$0</b>	<b>\$377</b>	<b>\$25,248</b>	<b>\$25,625</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Single-Family Direct Install Prog. (HET)	33	457,006	1.40	28.05	\$2,420	\$1,177	\$1,650	\$5,247	0.0
<b>Subtotal</b>	<b>33</b>	<b>457,006</b>	<b>1</b>	<b>28</b>	<b>\$2,420</b>	<b>\$1,177</b>	<b>\$1,650</b>	<b>\$5,247</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
PH Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
FreeSprinklerNozzles.com Program	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>TOTAL</b>	<b>2,298</b>	<b>5,925,894</b>	<b>18</b>	<b>187</b>	<b>\$2,420</b>	<b>\$1,554</b>	<b>\$26,898</b>	<b>\$30,872</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# City of Chino Hills

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2010-2011</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Toilets (HET)	24	332,368	1.02	20.40	\$0	\$840	\$1,200	\$2,040	4.0
High Efficiency Clothes Washers (HECW)	398	3,579,408	10.98	164.77	\$0	\$0	\$33,830	\$33,830	6.2
Rotating Nozzles for Pop-up Spray Heads	95	123,823	0.38	1.90	\$0	\$190	\$285	\$475	2.5
Weather Based Irrigation Controllers (WBIC)	1	105,902	0.33	3.25	\$0	\$45	\$80	\$125	0.8
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
FreeSprinklerNozzles.com Program	65	84,734	0.26	1.30	\$0	\$0	\$4,875	\$4,875	37.6
<b>Subtotal</b>	<b>583</b>	<b>4,226,235</b>	<b>13</b>	<b>192</b>	<b>\$0</b>	<b>\$1,075</b>	<b>\$40,270</b>	<b>\$41,345</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	81	3,238,535	9.94	198.77	\$0	\$4,050	\$16,200	\$20,250	4.1
PH Conductivity Controller	1	209,848	0.64	3.22	\$0	\$500	\$1,750	\$2,250	7.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>82</b>	<b>3,448,383</b>	<b>11</b>	<b>202</b>	<b>\$0</b>	<b>\$4,550</b>	<b>\$17,950</b>	<b>\$22,500</b>	
<b>TOTAL</b>	<b>665</b>	<b>7,674,618</b>	<b>24</b>	<b>394</b>	<b>\$0</b>	<b>\$5,625</b>	<b>\$58,220</b>	<b>\$63,845</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# City of Chino Hills

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2009-2010</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Toilets (HET)	96	1,329,472	4.08	81.60	\$0	\$3,360	\$4,800	\$8,160	4.0
High Efficiency Clothes Washers (HECW)	125	1,124,186	3.45	51.75	\$0	\$6,250	\$13,750	\$20,000	11.6
Rotating Nozzles for Pop-up Spray Heads	324	422,303	1.30	6.48	\$0	\$648	\$1,296	\$1,944	3.0
Weather Based Irrigation Controllers (WBIC)	1	105,902	0.33	3.25	\$0	\$45	\$80	\$125	0.8
Water Wise Landscape (Turf Buy Back) (614 Sq. Ft.)	1	28,010	0.09	0.86	\$0	\$1,228	\$0	\$1,228	28.7
Synthetic Turf (2,950 Sq. Ft.)	5	134,576	0.41	4.13	\$0	\$1,328	\$885	\$2,213	10.7
<b>Subtotal</b>	<b>552</b>	<b>3,144,449</b>	<b>10</b>	<b>148</b>	<b>\$0</b>	<b>\$12,859</b>	<b>\$20,811</b>	<b>\$33,670</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Tank	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	10	1,059,016	3.25	32.50	\$0	\$3,960	\$6,600	\$10,560	6.5
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>10</b>	<b>1,059,016</b>	<b>3</b>	<b>33</b>	<b>\$0</b>	<b>\$3,960</b>	<b>\$6,600</b>	<b>\$10,560</b>	
<b>TOTAL</b>	<b>562</b>	<b>4,203,465</b>	<b>13</b>	<b>181</b>	<b>\$0</b>	<b>\$16,819</b>	<b>\$27,411</b>	<b>\$44,230</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# City of Chino Hills

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2008-2009</b>									
<b>Residential Rebate Programs</b>									
Ultra Low Flush Toilets (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	70	969,407	2.98	59.50	\$0	\$0	\$11,550	\$11,550	7.8
High Efficiency Clothes Washers (HECW)	207	1,861,652	5.71	85.70	\$0	\$0	\$22,770	\$22,770	8.0
Rotating Nozzles for Pop-up Spray Heads	36	46,923	0.14	0.72	\$0	\$0	\$144	\$144	2.0
Weather Based Irrigation Controllers (WBIC)	1	105,902	0.33	3.25	\$0	\$0	\$80	\$80	0.5
Water Wise Landscape (Turf Buy Back) (16,789 Sq. Ft.)	16	765,900	2.35	23.50	\$0	\$25,484	\$0	\$25,484	21.7
Synthetic Turf (28,243 Sq. Ft.)	23	1,288,421	3.95	39.54	\$0	\$8,473	\$8,473	\$16,946	8.6
<b>Subtotal</b>	<b>353</b>	<b>5,038,204</b>	<b>15</b>	<b>212</b>	<b>\$0</b>	<b>\$33,957</b>	<b>\$43,017</b>	<b>\$76,974</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
ULFT Tank	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	387	5,359,434	16.45	328.95	\$0	\$52,245	\$63,855	\$116,100	14.2
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	5	44,967	0.14	1.38	\$0	\$500	\$400	\$900	13.1
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Nozzles	10	498,552	1.53	7.65	\$0	\$0	\$600	\$600	0.8
<b>Subtotal</b>	<b>402</b>	<b>5,902,954</b>	<b>18</b>	<b>338</b>	<b>\$0</b>	<b>\$52,745</b>	<b>\$64,855</b>	<b>\$117,600</b>	
<b>MWD Public Sector Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Central Computer Irrigation Controllers (CCIC)	347	112,165,735	344.22	3,442.24	\$0	\$0	\$1,411,069	\$1,411,069	8.2
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>347</b>	<b>112,165,735</b>	<b>344</b>	<b>3,442</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,411,069</b>	<b>\$1,411,069</b>	
	<b>1,102</b>	<b>123,106,892</b>	<b>378</b>	<b>3,992</b>	<b>\$0</b>		<b>\$1,518,940</b>	<b>\$1,605,642</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$



# City of Chino Hills

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2007-2008</b>									
<b>Residential Rebate Programs</b>									
Ultra Low Flush Toilets (ULFT)	7	86,448	0.27	5.31	\$0	\$0	\$420	\$420	3.7
High Efficiency Toilets (HET)	14	193,881	0.60	11.90	\$0	\$0	\$2,310	\$2,310	9.1
High Efficiency Clothes Washers (HECW)	240	2,158,437	6.62	99.36	\$0	\$0	\$26,400	\$26,400	9.3
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Wise Landscape (Turf Buy Back) (552 Sq. Ft.)	1	25,182	0.08	0.77	\$0	\$1,104	\$0	\$1,104	33.5
Synthetic Turf (3,690 Sq. Ft.)	7	168,335	0.52	5.17	\$0	\$1,107	\$1,107	\$2,214	10.0
<b>Subtotal</b>	<b>269</b>	<b>2,632,283</b>	<b>8</b>	<b>123</b>	<b>\$0</b>	<b>\$2,211</b>	<b>\$30,237</b>	<b>\$32,448</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
IEUA Multi-Family Direct Install Prog. (HET/ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
ULFT Tank	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	14	559,747	1.72	34.36	\$0	\$0	\$5,600	\$5,600	7.6
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>14</b>	<b>559,747</b>	<b>2</b>	<b>34</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,600</b>	<b>\$5,600</b>	
<b>MWD Public Sector Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	45	2,249,349	6.90	34.52	\$0	\$0	\$17,100	\$17,100	5.8
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Central Computer Irrigation Controllers (CCIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>45</b>	<b>2,249,349</b>	<b>7</b>	<b>35</b>	<b>\$0</b>	<b>\$0</b>	<b>\$17,100</b>	<b>\$17,100</b>	
<b>TOTAL</b>	<b>328</b>	<b>5,441,379</b>	<b>17</b>	<b>191</b>	<b>\$0</b>	<b>\$2,211</b>	<b>\$52,937</b>	<b>\$55,148</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# City of Chino Hills

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2006-2007</b>									
<b>Residential Rebate Programs</b>									
Ultra Low Flush Toilets (ULFT)	16	180,912	0.56	11.10	\$0	\$0	\$960	\$960	4.0
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers (HECW)	223	6,147,440	18.87	282.99	\$0	\$0	\$24,530	\$24,530	3.0
Rotating Sprinkler Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC) - Rebate	4	847,213	2.60	26.00	\$0	\$640	\$320	\$960	0.9
Weather Based Irrigation Controllers (WBIC) - Distribution	9	1,906,228	5.85	58.50	\$0	\$0	\$2,160	\$2,160	0.9
<b>Subtotal</b>	<b>252</b>	<b>9,081,793</b>	<b>28</b>	<b>379</b>	<b>\$0</b>	<b>\$640</b>	<b>\$27,970</b>	<b>\$28,610</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Toilet Program (HET/ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	0	0	0.0	0.0	\$0	\$0	\$0	\$0	0.0
ULFT Tank	0	0	0.0	0.0	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	0	0	0.0	0.0	\$0	\$0	\$0	\$0	0.0
Zero Water Urinal	0	0	0.0	0.0	\$0	\$0	\$0	\$0	0.0
Conductivity Controller	0	0	0.0	0.0	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers (HECW)	0	0	0.0	0.0	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.0	0.0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.0	0.0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>TOTAL</b>	<b>252</b>	<b>9,081,793</b>	<b>28</b>	<b>379</b>	<b>\$0</b>	<b>\$640</b>	<b>\$27,970</b>	<b>\$28,610</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# City of Chino Hills

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2005-2006</b>									
<b>Residential Programs</b>									
City Event (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Regional Event (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Rebate Program (ULFT)	65	734,957	2.26	45.11	\$0	\$130	\$7,800	\$7,930	8.2
High Efficiency Clothes Washers	214	1,924,606	5.91	88.60	\$0	\$130	\$14,300	\$14,430	5.7
<b>Subtotal</b>	<b>279</b>	<b>2,659,563</b>	<b>8</b>	<b>134</b>	<b>\$0</b>	<b>\$260</b>	<b>\$22,100</b>	<b>\$22,360</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	1,175	13,285,760	40.77	815.45	\$0	\$3,604	\$6,360	\$9,964	0.6
<b>Subtotal</b>	<b>1,175</b>	<b>13,285,760</b>	<b>41</b>	<b>815</b>	<b>\$0</b>	<b>\$3,604</b>	<b>\$6,360</b>	<b>\$9,964</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT's (Tank)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Spray Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>TOTAL</b>	<b>1,454</b>	<b>15,945,323</b>	<b>49</b>	<b>949</b>	<b>\$0</b>	<b>\$3,864</b>	<b>\$28,460</b>	<b>\$32,324</b>	

<b>FY 2004-2005</b>									
<b>Residential Programs</b>									
City Event (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Regional Event (ULFT)	7	79,149	0.24	4.86	\$0	\$77	\$420	\$497	4.8
IEUA Rebate Program (ULFT)	79	893,255	2.74	54.83	\$0	\$79	\$4,740	\$4,819	4.1
High Efficiency Clothes Washers	307	2,761,001	8.47	127.10	\$0	\$307	\$33,770	\$34,077	9.4
Pool Cover Rebates	6	102,492	0.31	1.57	\$0	\$318	\$0	\$318	2.4
<b>Subtotal</b>	<b>399</b>	<b>3,835,897</b>	<b>12</b>	<b>188</b>	<b>\$0</b>	<b>\$781</b>	<b>\$38,930</b>	<b>\$39,711</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	530	5,992,726	18.39	367.82	\$0	\$55,650	\$31,800	\$87,450	11.1
<b>Subtotal</b>	<b>530</b>	<b>5,992,726</b>	<b>18</b>	<b>368</b>	<b>\$0</b>	<b>\$55,650</b>	<b>\$31,800</b>	<b>\$87,450</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT's (Tank)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Spray Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
X-Ray Film Processor	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>TOTAL</b>	<b>929</b>	<b>9,828,623</b>	<b>30</b>	<b>556</b>	<b>\$0</b>	<b>\$56,431</b>	<b>\$70,730</b>	<b>\$127,161</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# City of Chino Hills

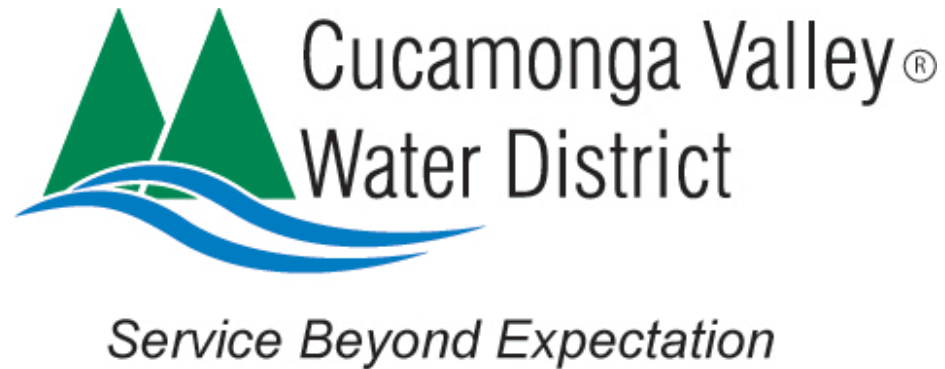
## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2003-2004</b>									
<b>Residential Programs</b>									
City Event (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0
IEUA Regional Event (ULFT)	3	33,921	0.10	2.08	\$0	\$33	\$180	\$213	5.1
IEUA Rebate Program (ULFT)	189	2,137,029	6.56	131.17	\$0	\$189	\$11,340	\$11,529	4.6
High Efficiency Clothes Washers	233	2,095,483	6.43	96.46	\$0	\$233	\$25,630	\$25,863	5.7
Pool Cover Rebates	21	802,854	2.46	12.30	\$0	\$1,113	\$0	\$1,113	2.4
<b>Subtotal</b>	<b>446</b>	<b>5,069,286</b>	<b>16</b>	<b>242</b>	<b>\$0</b>	<b>\$1,568</b>	<b>\$37,150</b>	<b>\$38,718</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	25	282,676	0.87	17.35	\$0	\$850	\$1,500	\$2,350	4.3
<b>Subtotal</b>	<b>25</b>	<b>282,676</b>	<b>1</b>	<b>17</b>	<b>\$0</b>	<b>\$850</b>	<b>\$1,500</b>	<b>\$2,350</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0
Water Brooms (Rebate)	19	949,725	2.91	14.57	\$0	\$1,900	\$1,900	\$3,800	3.1
Water Brooms (Distribution)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0
Pre-Rinse Spray Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0
<b>Subtotal</b>	<b>19</b>	<b>949,725</b>	<b>3</b>	<b>15</b>	<b>\$0</b>	<b>\$1,900</b>	<b>\$1,900</b>	<b>\$3,800</b>	
<b>TOTAL</b>	<b>490</b>	<b>6,301,687</b>	<b>19</b>	<b>274</b>	<b>\$0</b>	<b>\$4,318</b>	<b>\$40,550</b>	<b>\$44,868</b>	

<b>FY 2002-2003</b>									
<b>Residential Programs</b>									
City Event (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0
IEUA Regional Event (ULFT)	48	542,737	1.67	33.31	\$0	\$528	\$2,880	\$3,408	5.4
IEUA Rebate Program (ULFT)	28	316,597	0.97	19.43	\$0	\$28	\$1,680	\$1,708	4.5
High Efficiency Clothes Washers	199	1,789,704	5.49	82.39	\$0	\$199	\$21,890	\$22,089	5.8
Pool Cover Rebates	27	1,246,986	3.83	19.15	\$0	\$1,431	\$0	\$1,431	2.4
<b>Subtotal</b>	<b>302</b>	<b>3,896,024</b>	<b>12</b>	<b>154</b>	<b>\$0</b>	<b>\$2,186</b>	<b>\$26,450</b>	<b>\$28,636</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	5	249,928	0.77	3.84	\$0	\$900	\$900	\$1,800	3.1
Pre-Rinse Spray Nozzles	16	20,854	0.06	0.32	\$0	\$0	\$800	\$800	0.5
X-Ray Film Processor	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0
Restaurant Table Tent Program	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Subtotal</b>	<b>21</b>	<b>270,782</b>	<b>1</b>	<b>4</b>	<b>\$0</b>	<b>\$900</b>	<b>\$1,700</b>	<b>\$2,600</b>	
<b>TOTAL</b>	<b>323</b>	<b>4,166,806</b>	<b>13</b>	<b>158</b>	<b>\$0</b>	<b>\$3,086</b>	<b>\$28,150</b>	<b>\$31,236</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$





Cucamonga Valley Water District  
Regional Water Use Efficiency Programs  
Summary Charts

# Cucamonga Valley Water District

## IEUA Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				IEUA Payback Period (years)
					Outside Funding	IEUA	MWD	Total	
<b>FY 2020-2021</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	30	240,514	0.74	15	\$0	\$1,800	\$1,200	\$3,000	2.9
High Efficiency Clothes Washers (HECW)	211	2,372,389	7	102	\$0	\$15,825	\$17,935	\$33,760	2.6
Rotating Nozzles for Pop-up Spray Heads (3 Apps/ 132 Nozzles)	3	189,283	1	3	\$0	\$396	\$264	\$660	0.8
Weather based Irrigation Controllers (WBIC)	167	2,253,207	7	69	\$0	\$13,360	\$13,360	\$26,720	2.3
Hose Bib Controller	2	26,985	0	1	\$0	\$0	\$70	\$70	0.0
Turf Replacement (48,705 sq. ft.)	34	2,922,300	9	269	\$0	\$48,705	\$97,410	\$146,115	6.5
Rain Barrels	8	4,954	0	0	\$0	\$0	\$280	\$280	0.0
Cisterns	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
Landscape Tune-Up Program	103	7,787,706	24	48	\$0	\$24,839	\$15,450	\$40,289	1.3
Residential Landscape Retrofit Program (56 WBIC/ 297 Nozzles)	41	1,181,453	4	30	\$0	\$29,864	\$5,842	\$35,706	9.9
Res. Education, Survey, and Controller Upgrade Program (59 WBIC)	54	796,043	2	24	\$0	\$20,709	\$13,490	\$34,199	10.2
Residential Pressure Regulation Program	154	692,603	2	21	\$0	\$85,156	\$3,800	\$88,956	48.2
Leak Detection Pilot Program	2	48,885	0	2	\$0	\$151	\$192	\$343	1.2
<b>Subtotal</b>	<b>809</b>	<b>18,516,322</b>	<b>57</b>	<b>583</b>	<b>0</b>	<b>240,805</b>	<b>169,293</b>	<b>410,098</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	10	42,041	0.13	1	\$0	\$150	\$350	\$500	1.4
Rotating Nozzles for Pop-up Spray Heads (0 App/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	4	16,816	0	1	\$0	\$60	\$140	\$200	1.4
Laminar Flow Restrictor	125	936,963	3	14	\$0	\$1,250	\$1,250	\$2,500	0.5
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Replacement (36,662 sq. ft.)	3	1,576,466	5	145	\$0	\$36,662	\$73,324	\$109,986	9.1
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	12	16,425	0	1	\$0	\$60	\$60	\$120	1.4
<b>Subtotal</b>	<b>154</b>	<b>2,588,711</b>	<b>8</b>	<b>162</b>	<b>\$0</b>	<b>\$38,182</b>	<b>\$75,124</b>	<b>\$113,306</b>	
<b>TOTAL</b>	<b>963</b>	<b>21,105,033</b>	<b>65</b>	<b>745</b>	<b>\$0</b>	<b>\$278,987</b>	<b>\$244,417</b>	<b>\$523,404</b>	

$$^{(1)} \text{ Payback period} = \frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Cucamonga Valley Water District

## IEUA Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				IEUA Payback Period (years)
					Outside Funding	IEUA	MWD	Total	
<b>FY 2019-2020</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	67	537,148	2	33	\$0	\$4,020	\$2,680	\$6,700	2.9
High Efficiency Clothes Washers (HECW)	133	1,495,392	5	64	\$0	\$9,975	\$11,305	\$21,280	2.6
Rotating Nozzles for Pop-up Spray Heads (2 Apps/ 169 Nozzles)	2	242,339	1	4	\$0	\$507	\$338	\$845	0.8
Weather based Irrigation Controllers (WBIC)	181	2,442,099	7	75	\$0	\$14,480	\$14,480	\$28,960	2.3
Turf Replacement (70,850 sq. ft.)	40	3,046,550	9	93	\$0	\$53,981	\$133,772	\$187,753	7.0
Rain Barrels	4	2,477	0	0	\$0	\$0	\$140	\$140	0.0
Cisterns	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
Landscape Tune-Up Program	74	5,595,051	17	34	\$0	\$16,852	\$10,782	\$27,634	1.2
Residential Landscape Retrofit Program (81 WBIC/ 104 Nozzles)	60	1,242,005	4	36	\$1,080	\$23,529	\$24,539	\$49,147	7.4
Res. Education, Survey, and Controller Upgrade Program (63 WBIC)	58	850,012	3	26	\$0	\$26,622	\$10,634	\$37,256	12.3
Residential Pressure Regulation Program	118	530,696	2	16	\$0	\$33,872	\$29,573	\$63,445	25.1
Leak Detection Pilot Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>737</b>	<b>15,983,770</b>	<b>49</b>	<b>382</b>	<b>1,080</b>	<b>183,838</b>	<b>238,243</b>	<b>423,160</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	110	881,885	3	54	\$0	\$6,600	\$4,400	\$11,000	2.9
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads (0 App/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Replacement (89,195 sq. ft.)	5	3,835,385	12	118	\$48,968	\$40,227	\$178,390	\$267,585	4.1
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>115</b>	<b>4,717,270</b>	<b>14</b>	<b>172</b>	<b>\$48,968</b>	<b>\$46,827</b>	<b>\$182,790</b>	<b>\$278,585</b>	
<b>TOTAL</b>	<b>852</b>	<b>20,701,040</b>	<b>64</b>	<b>554</b>	<b>\$50,048</b>	<b>\$230,665</b>	<b>\$421,033</b>	<b>\$701,745</b>	

(1) Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# Cucamonga Valley Water District

## IEUA Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				IEUA Payback Period (years)
					Outside Funding	IEUA	MWD	Total	
<b>FY 2018-2019</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	13	104,223	0	6	\$0	\$780	\$520	\$1,300	3.1
High Efficiency Clothes Washers (HECW)	148	1,664,045	5	71	\$0	\$11,100	\$12,580	\$23,680	2.7
Rotating Nozzles for Pop-up Spray Heads (1 App/ 80 Nozzles)	1	114,717	0	2	\$0	\$240	\$160	\$400	0.9
Weather based Irrigation Controllers (WBIC)	190	2,563,529	8	79	\$0	\$15,200	\$15,200	\$30,400	2.4
Turf Removal (36,039 Sq. Ft.)	31	1,549,677	5	48	\$0	\$31,880	\$60,342	\$92,222	8.4
Rain Barrels	3	1,858	0	0	\$0	\$0	\$105	\$105	0.0
Cisterns	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	1	13,492	0	0	\$0	\$0	\$80	\$80	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
Landscape Tune-Up Program (30 Small Sites/ 8 Large Sites)	38	N/A	N/A	N/A	\$20,568	\$0	\$0	\$20,568	0.0
Residential Landscape Retrofit Program (62 WBIC/ 1,124 Nozzles)	44	2,448,291	8	50	\$19,889	\$0	\$20,701	\$40,590	0.0
Res Education, Survey, and Controller Upgrade Program (58 WBIC)	55	782,551	2	24	\$0	\$23,007	\$14,101	\$37,109	12.0
Residential Pressure Regulation Program	132	5,076,218	16	156	\$0	\$35,008	\$33,636	\$68,644	2.8
<b>Subtotal</b>	<b>656</b>	<b>14,318,602</b>	<b>44</b>	<b>436</b>	<b>\$40,458</b>	<b>\$117,216</b>	<b>\$157,425</b>	<b>\$315,098</b>	<b>9.6</b>
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	1	209,880	1	3	\$0	\$375	\$625	\$1,000	0.7
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (5,763 Sq. Ft.)	3	244,161	1	7	\$0	\$5,763	\$11,526	\$17,289	9.6
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>4</b>	<b>454,041</b>	<b>1</b>	<b>11</b>	<b>\$0</b>	<b>\$9,746</b>	<b>\$12,151</b>	<b>\$21,897</b>	
<b>TOTAL</b>	<b>660</b>	<b>14,772,643</b>	<b>45</b>	<b>447</b>	<b>\$40,458</b>	<b>\$126,961</b>	<b>\$169,576</b>	<b>\$336,995</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$



# Cucamonga Valley Water District

## IEUA Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2017-2018</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	37	296,634	1	18	\$0	\$2,220	\$1,480	\$3,700	5.3
High Efficiency Clothes Washers (HECW)	156	1,753,994	5	75	\$0	\$10,140	\$13,260	\$23,400	5.6
Rotating Nozzles for Pop-up Spray Heads (5 Apps/ 231 Nozzles)	231	331,245	1	5	\$0	\$693	\$462	\$1,155	1.5
Weather based Irrigation Controllers (WBIC)	72	971,443	3	30	\$0	\$5,040	\$5,760	\$10,800	4.7
Turf Removal (0 Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rain Barrels	9	5,573	0	0	\$0	\$0	\$315	\$315	23.9
Cisterns	2	0	0	0	\$0	\$0	\$600	\$600	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program (\$3,472 Total Cost)	992	1,422,488	4	22	\$0	\$1,488	\$1,984	\$3,472	1.0
Residential Landscape Retrofit Program (50 WBIC/ 863 Nozzles)	29	1,912,120	6	44	\$13,891	\$556	\$13,335	\$27,782	6.1
Residential Education, Survey, and Controller Upgrade Program (59 W	51	796,043	2	24	\$0	\$30,202	\$5,753	\$35,955	19.1
Residential Pressure Regulation Program	115	4,422,463	14	136	\$0	\$28,098	\$24,917	\$53,015	5.1
<b>Subtotal</b>	<b>1,694</b>	<b>11,912,003</b>	<b>37</b>	<b>354</b>	<b>\$13,891</b>	<b>\$78,437</b>	<b>\$67,866</b>	<b>\$160,194</b>	<b>5.9</b>
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (0 Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program (\$3607.50 Total Cost)	650	847,340	3	13	\$0	\$2,308	\$1,300	\$3,608	1.8
<b>Subtotal</b>	<b>650</b>	<b>847,340</b>	<b>3</b>	<b>13</b>	<b>\$0</b>	<b>\$2,308</b>	<b>\$1,300</b>	<b>\$3,608</b>	
<b>TOTAL</b>	<b>2,344</b>	<b>12,759,343</b>	<b>39</b>	<b>367</b>	<b>\$13,891</b>	<b>\$80,744</b>	<b>\$69,166</b>	<b>\$163,802</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Cucamonga Valley Water District

## IEUA Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2016-2017</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	57	456,977	1	28	\$0	\$3,022	\$2,340	\$5,362	5.1
High Efficiency Clothes Washers (HECW)	224	2,518,555	8	108	\$0	\$5,330	\$19,040	\$24,370	4.2
Rotating Nozzles for Pop-up Spray Heads	221	316,858	1	5	\$0	\$194	\$442	\$636	0.9
Weather based Irrigation Controllers (WBIC)	123	1,659,548	5	51	\$0	\$2,840	\$9,878	\$12,718	3.4
Turf Removal (129,422 Sq. Ft.)	75	5,483,222	17	168	\$0	\$0	\$229,262	\$229,262	18.3
Rain Barrels	34	21,053	0	0	\$0	\$0	\$2,150	\$2,150	44.7
Cisterns	1	0	0	0	\$0	\$0	\$300	\$300	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	959	1,375,168	4	21	\$0	\$1,534	\$1,918	\$3,452	1.1
Residential Landscape Retrofit Program (105 WBIC/685 Nozzles)	76	2,398,950	7	59	\$33,911	\$823	\$33,088	\$67,822	12.4
Residential Education, Survey, and Controller Upgrade Program	73	984,935	3	30	\$0	\$29,456	\$15,195	\$44,650	19.9
Residential Pressure Regulation Program	42	0	4	42	\$0	\$3,489	\$8,871	\$12,360	3.9
<b>Subtotal</b>	<b>1,885</b>	<b>15,215,265</b>	<b>51</b>	<b>513</b>	<b>\$33,911</b>	<b>\$46,689</b>	<b>\$322,483</b>	<b>\$403,082</b>	<b>10.6</b>
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	95	761,628	2	47	\$0	\$3,840	\$7,055	\$10,895	6.3
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	34	142,940	0.44	4	\$0	\$3,512	\$29,791	\$33,303	102.1
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (60,632 Sq. Ft.)	3	2,568,796	8	79	\$0	\$31,321	\$56,321	\$87,642	14.9
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	4,090	5,331,724	16	82	\$0	\$12,270	\$8,180	\$20,450	1.7
<b>Subtotal</b>	<b>4,772</b>	<b>9,557,917</b>	<b>29</b>	<b>235</b>	<b>\$0</b>	<b>\$53,693</b>	<b>\$104,097</b>	<b>\$157,790</b>	
<b>TOTAL</b>	<b>6,657</b>	<b>24,773,182</b>	<b>80</b>	<b>748</b>	<b>\$33,911</b>	<b>\$100,382</b>	<b>\$426,580</b>	<b>\$560,872</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# Cucamonga Valley Water District

## IEUA Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2015-2016</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	640	8,864,480	27	544	\$0	\$7,813	\$61,414	\$69,227	3.5
High Efficiency Clothes Washers (HECW)	272	3,058,246	9	131	\$0	\$5,265	\$22,525	\$27,790	4.1
Rotating Nozzles for Pop-up Spray Heads	635	910,565	3	14	\$0	\$0	\$2,015	\$2,015	1.0
Weather based Irrigation Controllers (WBIC)	92	9,744,410	30	299	\$0	\$1,840	\$12,434	\$14,274	0.7
Turf Removal (826,764 Sq. Ft.)	436	35,027,510	107	1,075	\$0	\$0	\$1,604,094	\$1,604,094	20.7
Rain Barrels	410	253,876	1	4	\$0	\$0	\$12,757	\$12,757	22.7
Soil Moisture Sensor Systems	1	13,492	0.04	0.41	\$0	\$42	\$80	\$122	4.1
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	6,169	8,846,099	27	136	\$0	\$9,870	\$12,338	\$22,208	1.1
Residential Landscape Retrofit Program (576 WBIC/3,786 Nozzles)	171	66,437,974	204	1,955	\$89,123	\$0	\$89,123	\$178,245	1.2
Landscape Transformation Program (8,900 Sq. Ft.)	10	377,066	1	12	\$2,670	\$26,985	\$0	\$29,655	35.5
Residential Pressure Regulation Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>8,836</b>	<b>133,533,718</b>	<b>410</b>	<b>4,170</b>	<b>\$91,793</b>	<b>\$51,815</b>	<b>\$1,816,781</b>	<b>\$1,960,388</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	3,344	46,316,908	142	2,842	\$0	\$88,040	\$427,490	\$515,530	5.0
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	59	6,249,133	19	192	\$0	\$11,970	\$42,525	\$54,495	3.9
Rotating Nozzles for Pop-up Spray Heads	9,860	14,138,846	43	217	\$0	\$7,300	\$29,390	\$36,690	1.2
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	4	200,754	1	6	\$0	\$0	\$2,000	\$2,000	4.5
Turf Removal (1,567,051 Sq. Ft.)	36	66,391,250	204	2,037	\$0	\$185,434	\$2,734,957	\$2,920,391	19.9
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	2,178	2,981,203	9	91	\$0	\$2,250	\$2,250	\$4,500	0.7
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	6,340	8,264,824	25	127	\$0	\$11,101	\$12,680	\$23,781	1.3
<b>Subtotal</b>	<b>21,821</b>	<b>144,542,917</b>	<b>444</b>	<b>5,513</b>	<b>\$0</b>	<b>\$306,095</b>	<b>\$3,251,292</b>	<b>\$3,557,387</b>	
<b>TOTAL</b>	<b>30,657</b>	<b>278,076,636</b>	<b>853</b>	<b>9,683</b>	<b>\$91,793</b>	<b>\$357,910</b>	<b>\$5,068,073</b>	<b>\$5,517,775</b>	

$$^{(1)} \text{ Payback period} = \frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Cucamonga Valley Water District

## IEUA Conservation Programs Annual Report

Program	District Devices/	Gallons Saved	AF Saved	AF Saved	Funding Sources (dollars)				Payback Period
					Outside				
<b>FY 2014-2015</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	445	6,163,584	19	378	\$0	\$22,250	\$22,250	\$44,500	3.1
High Efficiency Clothes Washers (HECW)	306	4,238,330	13	260	\$0	\$19,890	\$26,010	\$45,900	4.7
Rotating Nozzles for Pop-up Spray Heads	373	5,166,330	16	317	\$0	\$373	\$1,492	\$1,865	0.2
Weather based Irrigation Controllers (WBIC)	34	470,926	1	29	\$0	\$2,380	\$2,720	\$5,100	4.7
Turf Removal (79,670 Sq. Ft.)	50	3,373,065	10	207	\$0	\$0	\$157,556	\$157,556	20.2
Rain Barrels	70	969,553	3	60	\$0	\$0	\$5,250	\$5,250	2.3
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	11,090	153,581,723	471	9,427	\$0	\$0	\$25,650	\$25,650	0.1
Residential Landscape Retrofit Program (79 WBIC/1,323 Nozzles)	52	10,102,900	31	286	\$55,569	\$0	\$55,569	\$111,138	4.8
Landscape Transformation Program (26,070 Sq. Ft.)	27	556,097	2	17	\$0	\$34,134	\$52,140	\$86,274	67.1
<b>IEUA High Efficiency Toilet (HET) Installation Prog.</b>									
IEUA Multi-Family Direct Install Prog. (HET)		0	0	0	\$0	\$0	\$0	\$0	0.0
IEUA Single-Family Direct Install Prog. (HET)		0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	107	1,482,030	5	91	\$0	\$14,445	\$17,655	\$32,100	9.4
Weather Based Irrigation Controllers (WBIC)	41	4,342,618	13	133	\$0	\$14,750	\$14,850	\$29,600	3.0
Synthetic Turf (Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	22,234	28,984,242	89	445	\$0	\$552	\$3,086	\$3,638	0.1
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (283,719 Sq. Ft.)	36	11,993,120	37	368	\$0	\$283,719	\$567,438	\$851,157	30.8
<b>Subtotal</b>									
Fontana Unified School Retrofit Program		0	0	0	\$0	\$0	\$0	\$0	0.0
FreeSprinklerNozzles.com Program	26,025	33,921,089	104	521	\$0	\$0	\$84,581	\$84,581	1.1
<b>Subtotal</b>	<b>48,443</b>	<b>80,723,099</b>	<b>248</b>	<b>1,557</b>	<b>\$0</b>	<b>\$314,466</b>	<b>\$688,610</b>	<b>\$1,003,076</b>	
<b>TOTAL</b>	<b>60,890</b>	<b>265,345,605</b>	<b>814</b>	<b>12,538</b>	<b>\$55,569</b>	<b>\$393,493</b>	<b>\$1,037,247</b>	<b>\$1,486,309</b>	

$$^{(1)} \text{ Payback period} = \frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Cucamonga Valley Water District

## IEUA Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2013-2014</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	170	2,354,273	7	145	\$0	\$8,500	\$8,500	\$17,000	3.1
High Efficiency Clothes Washers (HECW)	383	5,304,040	16	326	\$0	\$24,895	\$32,555	\$57,450	4.7
Rotating Nozzles for Pop-up Spray Heads	15	207,730	1	13	\$0	\$15	\$60	\$75	0.2
Weather based Irrigation Controllers (WBIC)	34	470,855	1	29	\$0	\$2,380	\$2,720	\$5,100	4.7
Synthetic Turf ( Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rain Barrels	26	360,065	1	6	\$0	\$0	\$1,950	\$1,950	2.3
<b>IEUA Locally Implemented Residential Programs</b>									
Residential Landscape Retrofit Program (64 WBIC/1,366 Nozzles)	41	8,736,065	27	238	\$22,825	\$0	\$22,825	\$45,650	2.3
Landscape Transformation Program (12,190 Sq. Ft.)	13	556,097	2	17	\$0	\$19,026	\$17,890	\$36,916	28.8
<b>Subtotal</b>	<b>6,835</b>	<b>103,199,977</b>	<b>317</b>	<b>6,002</b>	<b>\$22,825</b>	<b>\$54,816</b>	<b>\$109,656</b>	<b>\$187,297</b>	
IEUA Multi-Family Direct Install Prog. (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
IEUA Single-Family Direct Install Prog. (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	20	2,118,032	7	65	\$0	\$14,750	\$14,850	\$29,600	6.1
Synthetic Turf (Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	792	1,032,296	3	16	\$0	\$552	\$3,086	\$3,638	1.5
Pre-Rinse Nozzles	0	0	0	0	\$1	\$0	\$0	\$1	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	1	1,588,198	5	49	\$0	\$1,000	\$1,000	\$2,000	0.5
Fontana Unified School Retrofit Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
FreeSprinklerNozzles.com Program	12,700	16,553,231	51	254	\$0	\$0	\$41,275	\$41,275	1.1
<b>Subtotal</b>	<b>13,513</b>	<b>21,291,756</b>	<b>65</b>	<b>384</b>	<b>\$0</b>	<b>\$16,302</b>	<b>\$60,211</b>	<b>\$76,514</b>	
<b>TOTAL</b>	<b>20,348</b>	<b>124,491,733</b>	<b>382</b>	<b>6,386</b>	<b>\$22,825</b>	<b>\$71,118</b>	<b>\$169,867</b>	<b>\$263,811</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$



# Cucamonga Valley Water District

## IEUA Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2012-2013</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	3	41,546	0.13	2.55	\$0	\$150	\$150	\$300	3.2
High Efficiency Clothes Washers (HECW)	295	4,085,357	12.54	250.75	\$0	\$19,175	\$25,075	\$44,250	4.9
Rotating Nozzles for Pop-up Spray Heads	16	221,579	0.68	13.60	\$0	\$16	\$64	\$80	0.2
Weather based Irrigation Controllers (WBIC)	22	304,671	0.94	18.70	\$0	\$1,540	\$1,760	\$3,300	4.9
Synthetic Turf ( Sq. Ft.)	0	0	0.00	0.00	0			0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	8,496	117,658,279	361	7,222	\$0	\$0	\$23,156	\$23,156	0.1
Landscape Transformation Program (5,455 Sq. Ft.)	6	248,852	0.76	7.64	\$1,900	\$4,249	\$5,119	\$11,268	20.3
<b>Subtotal</b>	<b>8,880</b>	<b>134,942,622</b>	<b>414</b>	<b>7,831</b>	<b>\$25,716</b>	<b>\$29,006</b>	<b>\$83,017</b>	<b>\$137,739</b>	
<b>IEUA High Efficiency Toilet (HET) Installation Prog.</b>									
IEUA Multi-Family Direct Install Prog. (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Single-Family Direct Install Prog. (HET)	179	2,478,911	7.61	152.15	\$13,128	\$6,383	\$8,950	\$28,461	5.1
<b>Subtotal</b>	<b>179</b>	<b>2,478,911</b>	<b>8</b>	<b>152</b>	<b>\$13,128</b>	<b>\$6,383</b>	<b>\$8,950</b>	<b>\$28,461</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Nozzles	0	0	0.00	0.00	\$1	\$0	\$0	\$1	0.0
Air-Cooled Ice Machine	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
Fontana Unified School Retrofit Program	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
FreeSprinklerNozzles.com Program	17,635	22,985,530	70.54	352.70	\$0	\$0	\$57,314	\$57,314	1.1
<b>Subtotal</b>	<b>17,677</b>	<b>24,295,451</b>	<b>75</b>	<b>392</b>	<b>\$0</b>	<b>\$6,295</b>	<b>\$66,334</b>	<b>\$72,630</b>	
<b>TOTAL</b>	<b>26,736</b>	<b>161,716,984</b>	<b>496</b>	<b>8,375</b>	<b>\$38,844</b>	<b>\$41,684</b>	<b>\$158,301</b>	<b>\$238,830</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Cucamonga Valley Water District

## IEUA Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2011-2012</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers (HECW)	361	3,246,649	9.96	149.45	\$0	\$0	\$30,685	\$30,685	4.5
Rotating Nozzles for Pop-up Spray Heads	513	668,646	2.05	10.26	\$0	\$1,026	\$1,539	\$2,565	1.8
Weather Based Irrigation Controllers (WBIC)	33	3,494,752	10.73	107.25	\$0	\$1,485	\$2,640	\$4,125	0.6
FreeSprinklerNozzles.com Program	19,915	25,957,291	79.66	398.30	\$0	\$0	\$21,375	\$21,375	0.4
Residential Landscape Retrofit Program	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>20,822</b>	<b>33,367,338</b>	<b>102</b>	<b>665</b>	<b>\$0</b>	<b>\$2,511</b>	<b>\$56,239</b>	<b>\$58,750</b>	
IEUA Multi-Family Direct Install Prog. (HET)	10	138,487	0.43	8.50	\$733	\$357	\$500	\$1,590	5.5
IEUA Single-Family Direct Install Prog. (HET)	189	2,617,398	8.03	160.65	\$13,861	\$6,740	\$9,450	\$30,051	5.5
<b>Subtotal</b>	<b>199</b>	<b>2,755,885</b>	<b>8</b>	<b>169</b>	<b>\$14,595</b>	<b>\$7,096</b>	<b>\$9,950</b>	<b>\$31,641</b>	
<b>CIU Save-A-Buck Rebate Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
PH Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	37	3,918,358	12.03	120.25	\$0	\$2,716	\$6,775	\$9,491	1.2
Synthetic Turf (Sq. Ft.)	37	1,688	0.01	0.05	\$0	\$17	\$11	\$28	7.9
Large Rotary Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Fontana Unified School Retrofit Program									0.0
FreeSprinklerNozzles.com Program	1,300	7,624,913	23.40	234.00	\$0	\$0	\$16,900	\$16,900	1.1
Central Computerized Irrigation Controller	11	17,470,176	53.61	536.14	\$0	\$3,480	\$8,700	\$12,180	0.3
<b>Subtotal</b>	<b>2,893</b>	<b>31,560,846</b>	<b>97</b>	<b>957</b>	<b>\$0</b>	<b>\$8,456</b>	<b>\$39,865</b>	<b>\$48,321</b>	
<b>TOTAL</b>	<b>23,914</b>	<b>67,684,069</b>	<b>208</b>	<b>1,792</b>	<b>\$14,595</b>	<b>\$18,063</b>	<b>\$106,054</b>	<b>\$138,712</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Cucamonga Valley Water District IEUA Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2010-2011</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Toilets (HET)	44	609,341	1.87	37.40	\$0	\$1,540	\$2,200	\$3,740	4.0
High Efficiency Clothes Washers (HECW)	685	6,160,539	18.91	283.59	\$0	\$0	\$58,225	\$58,225	6.2
Rotating Nozzles for Pop-up Spray Heads	493	642,578	1.97	9.86	\$0	\$986	\$1,479	\$2,465	2.5
Weather Based Irrigation Controllers (WBIC)	11	1,164,917	3.58	35.75	\$0	\$495	\$880	\$1,375	0.8
Synthetic Turf (6,587 Sq. Ft.)	7	300,538	0.92	9.22	\$0	\$2,964	\$1,976	\$4,940	10.7
FreeSprinklerNozzles.com Program	285	371,526	1.14	5.70	\$0	\$0	\$21,375	\$21,375	37.6
Residential Landscape Retrofit Program									
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	287	3,974,568	12	244	\$21,049	\$10,234	\$14,350	\$45,633	7.5
<b>Subtotal</b>	<b>287</b>	<b>3,974,568</b>	<b>12</b>	<b>244</b>	<b>\$21,049</b>	<b>\$10,234</b>	<b>\$14,350</b>	<b>\$45,633</b>	
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	9	359,837	1	22	\$0	\$450	\$1,800	\$2,250	4.1
PH Conductivity Controller	2	419,696	1	6	\$0	\$1,000	\$3,500	\$4,500	7.0
High Efficiency Clothes Washers	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0	0	\$0	\$0	\$0	\$0	#DIV/0!
Synthetic Turf (Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	2,998	3,907,605	12	60	\$0	\$2,998	\$8,994	\$11,992	2.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Fontana Unified School Retrofit Program									
<b>Subtotal</b>	<b>3,052</b>	<b>9,240,906</b>	<b>28</b>	<b>228</b>	<b>\$0</b>	<b>\$13,723</b>	<b>\$36,469</b>	<b>\$50,192</b>	
<b>TOTAL</b>	<b>4,864</b>	<b>22,464,914</b>	<b>69</b>	<b>854</b>	<b>\$21,049</b>	<b>\$29,943</b>	<b>\$136,954</b>	<b>\$187,945</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Cucamonga Valley Water District

## IEUA Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2009-2010</b>									
<b>Residential Rebate Programs</b>									
Ultra Low Flush Toilets (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	65	900,163	2.76	55.25	\$0	\$2,275	\$3,250	\$5,525	4.0
High Efficiency Clothes Washers (HECW)	122	1,097,205	3.37	50.51	\$0	\$6,100	\$13,420	\$19,520	11.6
Rotating Nozzles for Pop-up Spray Heads	216	281,535	0.86	4.32	\$0	\$432	\$864	\$1,296	3.0
Weather Based Irrigation Controllers (WBIC)	7	741,311	2.28	22.75	\$0	\$0	\$519	\$519	0.5
Water Wise Landscape (Turf Buy Back) (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Synthetic Turf (17,168 Sq. Ft.)	13	783,189	2.40	24.04	\$0	\$7,726	\$5,150	\$12,876	10.7
<b>Subtotal</b>	<b>423</b>	<b>3,803,405</b>	<b>12</b>	<b>157</b>	<b>\$0</b>	<b>\$16,533</b>	<b>\$23,203</b>	<b>\$39,736</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	129	1,786,478	5.48	109.65	\$9,461	\$4,600	\$21,285	\$35,346	12.9
<b>Subtotal</b>	<b>129</b>	<b>1,786,478</b>	<b>5</b>	<b>110</b>	<b>\$9,461</b>	<b>\$4,600</b>	<b>\$21,285</b>	<b>\$35,346</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
ULFT Tank	1	12,350	0.04	0.76	\$0	\$0	\$60	\$60	3.2
High Efficiency Toilets (HET)	7	96,941	0.30	5.95	\$0	\$945	\$1,155	\$2,100	14.2
Waterless Urinals	144	5,757,396	17.67	353.38	\$0	\$0	\$57,600	\$57,600	6.5
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	#DIV/0!
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	49	5,189,177	15.93	159.25	\$0	\$15,735	\$27,548	\$43,283	5.5
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	8,081	10,532,808	32.32	161.62	\$0	\$0	\$32,324	\$32,324	2.0
Large Rotary Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	#DIV/0!
Pre-Rinse Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>8,282</b>	<b>21,588,671</b>	<b>66</b>	<b>681</b>	<b>\$0</b>	<b>\$16,680</b>	<b>\$118,687</b>	<b>\$135,367</b>	
<b>MWD Public Sector Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Central Computer Irrigation Controllers (CCIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>TOTAL</b>	<b>8,834</b>	<b>27,178,554</b>	<b>83</b>	<b>947</b>	<b>\$9,461</b>	<b>\$37,813</b>	<b>\$163,175</b>	<b>\$210,449</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Cucamonga Valley Water District

## IEUA Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2008-2009</b>									
<b>Residential Rebate Programs</b>									
Ultra Low Flush Toilets (ULFT)	3	37,049	0.11	2.27	\$0	\$0	\$180	\$180	3.2
High Efficiency Toilets (HET)	297	4,113,054	12.62	252.45	\$0	\$0	\$49,005	\$49,005	7.8
High Efficiency Clothes Washers (HECW)	323	2,904,896	8.91	133.72	\$0	\$0	\$35,530	\$35,530	8.0
Rotating Nozzles for Pop-up Spray Heads	575	749,457	2.30	11.50	\$0	\$0	\$2,300	\$2,300	2.0
Weather Based Irrigation Controllers (WBIC)	4	423,606	1.30	13.00	\$0	\$0	\$320	\$320	0.5
Water Wise Landscape (Turf Buy Back) (66,317 Sq. Ft.)	49	3,025,325	9.28	92.84	\$0	\$87,921	\$0	\$87,921	19.0
Synthetic Turf (35,987 Sq. Ft.)	43	1,641,696	5.04	50.38	\$0	\$10,796	\$10,796	\$21,592	8.6
<b>Subtotal</b>	<b>1,294</b>	<b>12,895,084</b>	<b>40</b>	<b>556</b>	<b>\$0</b>	<b>\$98,717</b>	<b>\$98,131</b>	<b>\$196,848</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
ULFT Tank	1	12,350	0.04	0.76	\$0	\$0	\$60	\$60	3.2
High Efficiency Toilets (HET)	587	8,129,168	24.95	498.95	\$0	\$79,245	\$96,855	\$176,100	14.2
Waterless Urinals	162	6,477,071	19.88	397.55	\$0	\$0	\$64,800	\$64,800	6.5
Conductivity Controller	4	839,392	2.58	12.88	\$0	\$175	\$2,500	\$2,675	2.1
High Efficiency Clothes Washers	3	26,980	0.08	0.83	\$0	\$300	\$240	\$540	13.1
Water Brooms	3	149,957	0.46	2.30	\$0	\$0	\$450	\$450	2.0
Weather Based Irrigation Controllers (WBIC)	10	1,059,016	3.25	32.50	\$0	\$0	\$6,690	\$6,690	4.1
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>770</b>	<b>16,693,933</b>	<b>51</b>	<b>946</b>	<b>\$0</b>	<b>\$79,720</b>	<b>\$171,595</b>	<b>\$251,315</b>	
<b>MWD Public Sector Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	16	799,769	2.45	12.27	\$0	\$0	\$5,603	\$5,603	4.6
Weather Based Irrigation Controllers (WBIC)	22	4,365,752	13.40	133.98	\$0	\$0	\$36,539	\$36,539	5.5
Central Computer Irrigation Controllers (CCIC)	25	8,081,105	24.80	248.00	\$0	\$0	\$109,880	\$109,880	8.9
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>63</b>	<b>13,246,625</b>	<b>41</b>	<b>394</b>	<b>\$0</b>	<b>\$0</b>	<b>\$152,022</b>	<b>\$152,022</b>	
<b>TOTAL</b>	<b>2,127</b>	<b>42,835,643</b>	<b>131</b>	<b>1,896</b>	<b>\$0</b>	<b>\$178,437</b>	<b>\$421,748</b>	<b>\$600,185</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$



# Cucamonga Valley Water District

## IEUA Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2007-2008</b>									
<b>Residential Rebate Programs</b>									
Ultra Low Flush Toilets (ULFT)	49	605,138	1.86	37.14	\$0	\$0	\$2,940	\$2,940	3.7
High Efficiency Toilets (HET)	45	623,190	1.91	38.25	\$0	\$0	\$7,425	\$7,425	9.1
High Efficiency Clothes Washers (HECW)	457	4,110,024	12.61	189.20	\$0	\$0	\$50,270	\$50,270	9.3
Rotating Nozzles for Pop-up Spray Heads	616	802,897	2.46	12.32	\$0	\$0	\$2,464	\$2,464	2.3
Weather Based Irrigation Controllers (WBIC)	15	1,588,524	4.88	48.75	\$0	\$2,400	\$1,200	\$3,600	1.7
Water Wise Landscape (Turf Buy Back) (8,199 Sq. Ft.)	6	374,031	1.15	11.48	\$0	\$16,398	\$0	\$16,398	33.5
Synthetic Turf (33,087 Sq. Ft.)	34	1,509,400	4.63	46.32	\$0	\$9,926	\$9,926	\$19,852	10.0
<b>Subtotal</b>	<b>1,222</b>	<b>9,613,204</b>	<b>30</b>	<b>383</b>	<b>\$0</b>	<b>\$28,724</b>	<b>\$74,225</b>	<b>\$102,949</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
IEUA Multi-Family Direct Install Prog. (HET/ULFT)	1,034	12,769,644	39.19	783.77	\$75,834	\$36,872	\$62,040	\$174,746	10.4
<b>Subtotal</b>	<b>1,034</b>	<b>12,769,644</b>	<b>39</b>	<b>784</b>	<b>\$75,834</b>	<b>\$36,872</b>	<b>\$62,040</b>	<b>\$174,746</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
ULFT Tank	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	206	8,236,275	25.28	505.52	\$0	\$0	\$82,400	\$82,400	7.6
Conductivity Controller	1	209,848	0.64	3.22	\$0	\$175	\$625	\$800	2.9
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	3	317,705	0.98	9.75	\$0	\$0	\$1,890	\$1,890	4.5
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>210</b>	<b>8,763,828</b>	<b>27</b>	<b>518</b>	<b>\$0</b>	<b>\$175</b>	<b>\$84,915</b>	<b>\$85,090</b>	
<b>MWD Public Sector Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	42	6,377,556	19.57	195.72	\$0	\$0	\$42,168	\$42,168	5.0
Central Computer Irrigation Controllers (CCIC)	36	9,654,313	29.63	296.28	\$0	\$0	\$112,464	\$112,464	8.9
<b>Subtotal</b>	<b>78</b>	<b>16,031,869</b>	<b>49</b>	<b>492</b>	<b>\$0</b>	<b>\$0</b>	<b>\$154,632</b>	<b>\$154,632</b>	
<b>TOTAL</b>	<b>2,544</b>	<b>47,178,546</b>	<b>145</b>	<b>2,178</b>	<b>\$75,834</b>	<b>\$65,772</b>	<b>\$375,812</b>	<b>\$517,417</b>	

$$^{(1)} \text{ Payback period} = \frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Cucamonga Valley Water District IEUA Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2006-2007</b>									
<b>Residential Programs</b>									
Ultra Low Flush Toilets (ULFT)	56	633,194	1.94	38.86	\$0	\$0	\$3,360	\$3,360	4.0
High Efficiency Toilets (HET)	4	55,395	0.17	3.40	\$0	\$0	\$1,060	\$1,060	14.6
High Efficiency Clothes Washers (HECW)	426	3,831,226	11.76	176.36	\$0	\$0	\$46,860	\$46,860	9.3
Rotating Sprinkler Nozzles	158	205,938	0.63	3.16	\$0	\$0	\$632	\$632	2.3
Weather Based Irrigation Controllers (WBIC) - Rebate	15	3,177,047	9.75	97.50	\$0	\$2,400	\$1,200	\$3,600	0.9
Weather Based Irrigation Controllers (WBIC) - Distribution	119	25,204,575	77.35	773.50	\$0	\$0	\$28,560	\$28,560	0.9
<b>Subtotal</b>	<b>778</b>	<b>33,107,374</b>	<b>102</b>	<b>1093</b>	<b>\$0</b>	<b>\$2,400</b>	<b>\$81,672</b>	<b>\$84,072</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Toilet Program (HET/ULFT)	4,053	45,827,391	140.64	2812.78	\$297,247	\$144,530	\$243,180	\$684,957	11.4
<b>Subtotal</b>	<b>4,053</b>	<b>45,827,391</b>	<b>141</b>	<b>2813</b>	<b>\$297,247</b>	<b>\$144,530</b>	<b>\$243,180</b>	<b>\$684,957</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
ULFT Tank	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Zero Water Urinal	49	1,955,921	6.00	120.05	\$0	\$0	\$19,600	\$19,600	7.6
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers (HECW)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>49</b>	<b>1,955,921</b>	<b>6</b>	<b>120</b>	<b>\$0</b>	<b>\$0</b>	<b>\$19,600</b>	<b>\$19,600</b>	
<b>TOTAL</b>	<b>4,880</b>	<b>80,890,686</b>	<b>248</b>	<b>4,026</b>	<b>\$297,247</b>	<b>\$146,930</b>	<b>\$344,452</b>	<b>\$788,629</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# Cucamonga Valley Water District

## IEUA Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2005-2006</b>									
<b>Residential Programs</b>									
City Event (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Regional Event (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Rebate Program (ULFT)	150	1,696,054	5.21	104.10	\$0	\$150	\$9,000	\$9,150	4.1
High Efficiency Clothes Washers	389	3,498,467	10.74	161.05	\$0	\$389	\$42,790	\$43,179	9.4
<b>Subtotal</b>	<b>539</b>	<b>5,194,521</b>	<b>16</b>	<b>265</b>	<b>\$0</b>	<b>\$539</b>	<b>\$51,790</b>	<b>\$52,329</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	343	3,878,311	11.90	238.04	\$0	\$36,015	\$20,580	\$56,595	11.1
<b>Subtotal</b>	<b>343</b>	<b>3,878,311</b>	<b>12</b>	<b>238</b>	<b>\$0</b>	<b>\$36,015</b>	<b>\$20,580</b>	<b>\$56,595</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT's (Tank)	219	2,476,240	8	152	\$0	\$0	\$13,140	\$13,140	4.0
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	1	49,986	0.15	0.77	\$0	\$0	\$100	\$100	1.5
Pre-Rinse Spray Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	9	1,906,228	5.85	58.50	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>229</b>	<b>4,432,453</b>	<b>14</b>	<b>211</b>	<b>\$0</b>	<b>\$0</b>	<b>\$13,240</b>	<b>\$13,240</b>	
<b>TOTAL</b>	<b>1,111</b>	<b>13,505,286</b>	<b>41</b>	<b>714</b>	<b>\$0</b>	<b>\$36,554</b>	<b>\$85,610</b>	<b>\$122,164</b>	

<b>FY 2004-2005</b>									
<b>Residential Programs</b>									
City Event (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Regional Event (ULFT)	24	271,369	0.83	16.66	\$0	\$264	\$1,440	\$1,704	4.8
IEUA Rebate Program (ULFT)	201	2,272,713	6.97	139.49	\$0	\$201	\$12,060	\$12,261	4.1
High Efficiency Clothes Washers	542	4,874,470	14.96	224.39	\$0	\$542	\$59,620	\$60,162	9.4
Pool Cover Rebates	19	324,558	1.00	4.98	\$0	\$1,007	\$0	\$1,007	2.4
<b>Subtotal</b>	<b>786</b>	<b>7,743,110</b>	<b>24</b>	<b>386</b>	<b>\$0</b>	<b>\$2,014</b>	<b>\$73,120</b>	<b>\$75,134</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	520	5,879,655	18.04	360.88	\$0	\$54,600	\$31,200	\$85,800	11.1
<b>Subtotal</b>	<b>520</b>	<b>5,879,655</b>	<b>18</b>	<b>361</b>	<b>\$0</b>	<b>\$54,600</b>	<b>\$31,200</b>	<b>\$85,800</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT's (Tank)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Spray Nozzles	1	1,303	0.00	0.02	\$0	\$0	\$50	\$50	29.3
X-Ray Film Processor (MWD CII)	2	2,085,446	6.40	32.00	\$0	\$0	\$4,000	\$4,000	1.5
<b>Subtotal</b>	<b>3</b>	<b>2,086,750</b>	<b>6</b>	<b>32</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,050</b>	<b>\$4,050</b>	
<b>TOTAL</b>	<b>1,309</b>	<b>15,709,515</b>	<b>48</b>	<b>778</b>	<b>\$0</b>	<b>\$56,614</b>	<b>\$108,370</b>	<b>\$164,984</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# Cucamonga Valley Water District

## IEUA Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2003-2004</b>									
<b>Residential Programs</b>									
City Event (ULFT)	288	3,256,425	9.99	199.87	\$0	\$576	\$17,200	\$17,776	4.7
IEUA Regional Event (ULFT)	49	554,044	1.70	34.01	\$0	\$539	\$2,940	\$3,479	5.5
IEUA Rebate Program (ULFT)	432	4,884,637	14.99	299.81	\$0	\$432	\$25,920	\$26,352	4.6
High Efficiency Clothes Washers	594	5,342,132	16.39	245.92	\$0	\$594	\$65,340	\$65,934	5.7
Pool Cover Rebates	47	802,854	2.46	12.30	\$0	\$2,491	\$0	\$2,491	2.4
<b>Subtotal</b>	<b>1,410</b>	<b>14,840,091</b>	<b>46</b>	<b>792</b>	<b>\$0</b>	<b>\$4,632</b>	<b>\$111,400</b>	<b>\$116,032</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	96	1,085,475	3.33	66.62	\$0	\$3,264	\$5,760	\$9,024	4.1
<b>Subtotal</b>	<b>96</b>	<b>1,085,475</b>	<b>3</b>	<b>67</b>	<b>\$0</b>	<b>\$3,264</b>	<b>\$5,760</b>	<b>\$9,024</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms (Rebates)	43	2,149,378	6.60	32.98	\$0	\$4,300	\$4,300	\$8,600	3.1
Water Brooms (Distribution)	1	49,986	0.15	0.77	\$0	\$0	\$100	\$100	1.2
Pre-Rinse Spray Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>44</b>	<b>2,199,364</b>	<b>7</b>	<b>34</b>	<b>\$0</b>	<b>\$4,300</b>	<b>\$4,400</b>	<b>\$8,700</b>	
<b>TOTAL</b>	<b>1,550</b>	<b>18,124,930</b>	<b>56</b>	<b>892</b>	<b>\$0</b>	<b>\$12,196</b>	<b>\$121,560</b>	<b>\$133,756</b>	

<b>FY 2002-2003</b>									
<b>Residential Programs</b>									
City Event (ULFT)	393	4,443,663	13.64	272.74	\$0	\$786	\$23,580	\$24,366	4.7
IEUA Regional Event (ULFT)	66	746,264	2.29	45.80	\$0	\$726	\$3,960	\$4,686	5.3
IEUA Rebate Program (ULFT)	84	949,790	2.91	58.30	\$0	\$84	\$5,040	\$5,124	4.7
High Efficiency Clothes Washers	435	3,912,167	12.01	180.09	\$0	\$435	\$47,850	\$48,285	5.7
Pool Cover Rebates	73	1,246,986	3.83	19.15	\$0	\$3,869	\$0	\$3,869	2.4
<b>Subtotal</b>	<b>1,051</b>	<b>11,298,870</b>	<b>35</b>	<b>576</b>	<b>\$0</b>	<b>\$5,900</b>	<b>\$80,430</b>	<b>\$86,330</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	3	33,921	0.1041	2.0820	\$0	\$102	\$180	\$282	3.3
<b>Subtotal</b>	<b>3</b>	<b>33,921</b>	<b>0.10</b>	<b>2</b>	<b>\$0</b>	<b>\$102</b>	<b>\$180</b>	<b>\$282</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Clothes Washers	9	80,941	0.25	3.73	\$0	\$0	\$2,250	\$2,250	4.9
Water Brooms	9	449,870	1.38	6.90	\$0	\$900	\$900	\$1,800	3.1
Pre-Rinse Spray Nozzles	75	97,755	0.30	1.50	\$0	\$0	\$3,750	\$3,750	0.5
X-Ray Film Processor (MWD CII)	3	3,128,170	9.60	48.00	\$0	\$0	\$6,000	\$6,000	1.5
Restaurant Table Tent Program	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Subtotal</b>	<b>96</b>	<b>3,756,736</b>	<b>12</b>	<b>60</b>	<b>\$0</b>	<b>\$900</b>	<b>\$12,900</b>	<b>\$13,800</b>	
<b>TOTAL</b>	<b>1,150</b>	<b>15,089,528</b>	<b>46</b>	<b>638</b>	<b>\$0</b>	<b>\$6,902</b>	<b>\$93,510</b>	<b>\$100,412</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$



Fontana Water Company  
Regional Water Use Efficiency Programs  
Summary Charts



# Fontana Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				IEUA Payback Period (years)
					Outside Funding	IEUA	MWD	Total	
<b>FY 2020-2021</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	67	537,148	2	33	\$0	\$4,020	\$2,680	\$6,700	2.9
High Efficiency Clothes Washers (HECW)	270	3,035,759	9	130	\$0	\$20,250	\$22,950	\$43,200	2.6
Rotating Nozzles for Pop-up Spray Heads (64 Apps/ 3042 Nozzles)	64	4,362,106	13	67	\$0	\$9,126	\$6,084	\$15,210	0.8
Weather based Irrigation Controllers (WBIC)	150	2,023,839	6	62	\$0	\$12,000	\$12,000	\$24,000	2.3
Hose Bib Controller	1	13,492	0	0	\$0	\$0	\$35	\$35	0.0
Turf Replacement (26,099 sq. ft.)	12	1,565,940	5	144	\$0	\$25,751	\$49,698	\$75,449	6.5
Rain Barrels	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cisterns	1	2,477	0	0	\$0	\$0	\$300	\$300	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
Landscape Tune-Up Program	5	378,044	1	2	\$0	\$1,079	\$750	\$1,829	1.1
Residential Landscape Retrofit Program (0 WBIC/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Res. Education, Survey, and Controller Upgrade Program (3 WBIC)	3	40,477	0	1	\$0	\$489	\$1,318	\$1,807	4.7
Residential Pressure Regulation Program	32	143,917	0	4	\$0	\$16,878	\$825	\$17,703	46.0
Leak Detection Pilot Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>605</b>	<b>12,103,200</b>	<b>37</b>	<b>445</b>	<b>\$0.00</b>	<b>\$89,592.23</b>	<b>\$96,640.00</b>	<b>\$186,232.23</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	1	8,017	0	0	\$0	\$60	\$40	\$100	2.9
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	5	21,021	0.06	1	\$0	\$75	\$175	\$250	1.4
Rotating Nozzles for Pop-up Spray Heads (0 App/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Replacement (2,563 sq. ft.)	1	110,209	0	10	\$0	\$2,563	\$5,126	\$7,689	9.1
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Contro	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>7</b>	<b>139,247</b>	<b>0</b>	<b>11</b>	<b>\$0</b>	<b>\$2,698</b>	<b>\$5,341</b>	<b>\$8,039</b>	
<b>TOTAL</b>	<b>612</b>	<b>12,242,446</b>	<b>38</b>	<b>457</b>	<b>\$0</b>	<b>\$92,290</b>	<b>\$101,981</b>	<b>\$194,271</b>	

$$^{(1)} \text{ Payback period} = \frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Fontana Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				IEUA Payback Period (years)
					Outside Funding	IEUA	MWD	Total	
<b>FY 2019-2020</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	246	1,972,216	6	121	\$0	\$14,760	\$9,840	\$24,600	2.9
High Efficiency Clothes Washers (HECW)	62	697,100	2	30	\$0	\$4,650	\$5,270	\$9,920	2.6
Rotating Nozzles for Pop-up Spray Heads (25 Apps/ 1,106 Nozzles)	25	1,585,960	5	24	\$0	\$3,318	\$2,212	\$5,530	0.8
Weather based Irrigation Controllers (WBIC)	120	1,619,071	5	50	\$0	\$9,600	\$9,600	\$19,200	2.3
Turf Replacement (9,323 sq. ft.)	9	400,889	1	12	\$0	\$8,521	\$18,646	\$27,167	8.3
Rain Barrels	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cisterns	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
Landscape Tune-Up Program	6	453,653	1	3	\$0	\$1,086	\$1,000	\$2,086	0.9
Residential Landscape Retrofit Program (1 WBIC/ 0 Nozzles)	1	13,492	0	0	\$0	\$324	\$340	\$664	9.4
Res. Education, Survey, and Controller Upgrade Program (6 WBIC)	6	80,954	0	2	\$0	\$2,035	\$1,657	\$3,692	9.9
Residential Pressure Regulation Program	88	395,773	1	12	\$0	\$28,404	\$19,456	\$47,859	28.2
Leak Detection Pilot Program	2	48,885	0	2	\$0	\$343	\$0	\$343	2.8
<b>Subtotal</b>	<b>565</b>	<b>7,267,993</b>	<b>22</b>	<b>257</b>	<b>\$0</b>	<b>\$73,040</b>	<b>\$68,021</b>	<b>\$141,060</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	428	3,431,336	11	211	\$0	\$25,680	\$17,120	\$42,800	2.9
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	2	8,408	0.03	0	\$0	\$30	\$70	\$100	1.4
Rotating Nozzles for Pop-up Spray Heads (0 App/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	1,020	7,645,614	23	117	\$0	\$10,200	\$10,200	\$20,400	0.5
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Replacement (65,000 sq. ft.)	2	2,795,000	9	86	\$2,000	\$10,000	\$104,000	\$116,000	1.4
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	194	265,543	1	8	\$0	\$970	\$970	\$1,940	1.4
<b>Subtotal</b>	<b>1,646</b>	<b>14,145,901</b>	<b>43</b>	<b>422</b>	<b>\$2,000</b>	<b>\$46,880</b>	<b>\$132,360</b>	<b>\$181,240</b>	
<b>TOTAL</b>	<b>2,211</b>	<b>21,413,895</b>	<b>66</b>	<b>679</b>	<b>\$2,000</b>	<b>\$119,920</b>	<b>\$200,381</b>	<b>\$322,300</b>	

(1) Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# Fontana Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				IEUA Payback Period (years)
					Outside Funding	IEUA	MWD	Total	
<b>FY 2018-2019</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	14	112,240	0	7	\$0	\$840	\$560	\$1,400	3.1
High Efficiency Clothes Washers (HECW)	201	2,259,954	7	97	\$0	\$15,075	\$17,085	\$32,160	2.7
Rotating Nozzles for Pop-up Spray Heads (49 Apps/ 2,355 Nozzles)	49	3,376,468	10	52	\$0	\$7,065	\$4,710	\$11,775	0.9
Weather based Irrigation Controllers (WBIC)	143	1,929,393	6	59	\$0	\$11,440	\$11,440	\$22,880	2.4
Turf Removal (2,465 Sq. Ft.)	3	105,995	0.3	3	\$0	\$2,195	\$3,430	\$5,625	8.4
Rain Barrels	4	2,477	0	0	\$0	\$0	\$140	\$140	0.0
Cisterns	3	0	0	0	\$0	\$0	\$900	\$900	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
Landscape Tune-Up Program (1 Small Site/ 1 Large Site)	2	N/A	N/A	N/A	\$1,083	\$0	\$0	\$1,083	0.0
Residential Landscape Retrofit Program (0 WBIC/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Res. Education, Survey, and Controller Upgrade Program (1 WBIC)	1	13,492	0	0	\$0	\$418	\$256	\$675	12.6
Residential Pressure Regulation Program	104	3,999,445	12	123	\$0	\$27,582	\$26,501	\$54,083	2.8
<b>Subtotal</b>	<b>524</b>	<b>11,799,464</b>	<b>8</b>	<b>341</b>	<b>\$1,083</b>	<b>\$64,616</b>	<b>\$65,022</b>	<b>\$130,720</b>	<b>21.1</b>
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	126	1,010,160	3	62	\$0	\$7,560	\$5,040	\$12,600	3.1
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	15	63,062	0.19	2	\$0	\$225	\$525	\$750	1.5
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (0 Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Contro	547	748,723	2	23	\$0	\$2,735	\$2,735	\$5,470	1.5
<b>Subtotal</b>	<b>688</b>	<b>1,821,944</b>	<b>6</b>	<b>87</b>	<b>\$0</b>	<b>\$14,128</b>	<b>\$8,300</b>	<b>\$22,428</b>	
<b>TOTAL</b>	<b>1,212</b>	<b>13,621,408</b>	<b>14</b>	<b>428</b>	<b>\$1,083</b>	<b>\$78,743</b>	<b>\$73,322</b>	<b>\$153,148</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Fontana Water Company

## IEUA Regional Conservation Programs Annual Report

					Funding Sources (dollars)				
Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Outside Funding	IEUA	MWD	Total	Payback Period (years) <sup>(1)</sup>
<b>FY 2017-2018</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	440	3,527,542	11	216	\$0	\$26,400	\$17,600	\$44,000	5.3
High Efficiency Clothes Washers (HECW)	407	4,576,125	14	197	\$0	\$26,455	\$34,595	\$61,050	5.6
Rotating Nozzles for Pop-up Spray Heads (162 Apps/ 13,118 Nozzles)	13,118	18,807,859	58	289	\$0	\$39,354	\$26,236	\$65,590	1.5
Weather based Irrigation Controllers (WBIC)	112	1,511,133	5	46	\$0	\$7,840	\$8,960	\$16,800	4.7
Turf Removal (0 Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rain Barrels	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cisterns	31	0	0	0	\$0	\$0	\$9,300	\$9,300	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program (\$0 Total Cost)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Residential Landscape Retrofit Program (0 WBIC/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Residential Education, Survey, and Controller Upgrade Program (0 WBIC)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Residential Pressure Regulation Program	149	5,729,974	18	176	\$0	\$36,405	\$32,284	\$68,689	5.1
<b>Subtotal</b>	<b>14,257</b>	<b>34,152,632</b>	<b>105</b>	<b>924</b>	<b>\$0</b>	<b>\$136,454</b>	<b>\$128,975</b>	<b>\$265,429</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	90	721,543	2	44	\$0	\$5,400	\$3,600	\$9,000	5.3
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	15	63,062	0.19	2	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads (1 Apps/ 2,250 Nozzles)	2,250	3,226,410	10	50	\$0	\$4,500	\$4,500	\$9,000	1.2
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (0 Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program (\$0 Total Cost)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>2,355</b>	<b>4,011,014</b>	<b>12</b>	<b>96</b>	<b>\$0</b>	<b>\$9,900</b>	<b>\$8,100</b>	<b>\$18,000</b>	
<b>TOTAL</b>	<b>16,612</b>	<b>38,163,647</b>	<b>117</b>	<b>1,020</b>	<b>\$0</b>	<b>\$146,354</b>	<b>\$137,075</b>	<b>\$283,429</b>	

$$^{(1)} \text{ Payback period} = \frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Fontana Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2016-2017</b>									
<b>SoCal WaterSmart Residential Rebates</b>									
High Efficiency Toilets (HET)	2,416	19,369,410	59	1,189	\$0	\$178,192	\$96,640	\$274,832	6.2
High Efficiency Clothes Washers (HECW)	86	966,945	3	42	\$0	\$2,245	\$7,310	\$9,555	4.3
Rotating Nozzles for Pop-up Spray Heads	4,159	5,962,943	18	91	\$0	\$926	\$1,198	\$2,124	0.2
Weather based Irrigation Controllers (WBIC)	66	890,489	3	27	\$0	\$2,856	\$5,280	\$8,136	4.0
Turf Removal (32,150 Sq. Ft.)	22	1,362,099	4	42	\$0	\$0	\$62,270	\$62,270	20.0
Rain Barrels	16	9,907	0.03	0.15	\$0	\$0	\$1,200	\$1,200	53.1
Cisterns	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Residential Landscape Retrofit Program (28 WBIC/248 Nozzles)	17	733,405	2	17	\$8,046	\$173	\$7,873	\$16,092	9.6
Residential Education, Survey, and Controller Upgrade Program	9	121,430	0.37	4	\$0	\$4,589	\$1,341	\$5,930	21.4
Residential Pressure Regulation Program	36	949,673	3	29	\$0	\$6,370	\$5,450	\$11,820	5.5
<b>Subtotal</b>	<b>6,827</b>	<b>30,366,302</b>	<b>93</b>	<b>1,441</b>	<b>\$8,046</b>	<b>\$195,351</b>	<b>\$188,562</b>	<b>\$391,959</b>	
<b>SoCal WaterSmart Commercial Rebates</b>									
High Efficiency Toilets (HET)	51	408,874	1	25	\$0	\$5,000	\$2,000	\$7,000	7.5
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	2	419,696	1	6	\$0	\$290	\$1,750	\$2,040	2.1
Weather Based Irrigation Controllers (WBIC)	25	105,103	0.32	3	\$0	\$11,102	\$41,959	\$53,061	221.1
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	1	50,189	0.15	2	\$0	\$1,000	\$1,000	\$2,000	17.5
Turf Removal (28,135 Sq. Ft.)	2	1,191,996	4	37	\$0	\$0	\$28,135	\$28,135	10.3
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Contro	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>81</b>	<b>2,175,857</b>	<b>7</b>	<b>73</b>	<b>\$0</b>	<b>\$17,392</b>	<b>\$74,844</b>	<b>\$92,236</b>	
<b>TOTAL</b>	<b>6,908</b>	<b>32,542,159</b>	<b>100</b>	<b>1,514</b>	<b>\$8,046</b>	<b>\$212,743</b>	<b>\$263,406</b>	<b>\$484,195</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$



# Fontana Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2015-2016</b>									
<b>SoCal WaterSmart Residential Rebates</b>									
High Efficiency Toilets (HET)	388	5,374,091	16	330	\$0	\$10,495	\$37,641	\$48,136	4.0
High Efficiency Clothes Washers (HECW)	217	2,439,850	7	105	\$0	\$2,990	\$18,190	\$21,180	3.9
Rotating Nozzles for Pop-up Spray Heads	4,298	6,163,160	19	95	\$0	\$0	\$8,296	\$8,296	0.6
Weather based Irrigation Controllers (WBIC)	93	9,850,328	30	302	\$0	\$1,709	\$7,148	\$8,857	0.4
Turf Removal (77,559 Sq. Ft.)	50	3,285,942	10	101	\$0	\$0	\$149,090	\$149,090	20.5
Rain Barrels	51	31,580	0.10	0.48	\$0	\$0	\$3,736	\$3,736	53.5
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Residential Landscape Retrofit Program (79 WBIC/977 Nozzles)	54	9,768,461	30	278	\$24,600	\$0	\$24,600	\$49,199	2.3
Landscape Transformation Program (1,100 Sq. Ft.)	2	46,604	0.14	1	\$375	\$4,375	\$0	\$4,750	46.1
Residential Pressure Regulation Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>5,153</b>	<b>36,960,016</b>	<b>113</b>	<b>1,212</b>	<b>\$24,975</b>	<b>\$19,569</b>	<b>\$248,701</b>	<b>\$293,245</b>	
<b>SoCal WaterSmart Commercial Rebates</b>									
High Efficiency Toilets (HET)	904	12,521,078	38	768	\$0	\$37,940	\$115,886	\$153,826	5.6
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	25	2,647,938	8	81	\$0	\$4,440	\$17,400	\$21,840	3.7
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	3	150,566	0.46	5	\$0	\$1,000	\$3,000	\$4,000	12.0
Turf Removal (299,187 Sq. Ft.)	22	12,675,656	39	389	\$0	\$187,603	\$287,657	\$475,260	16.9
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Contro	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>954</b>	<b>27,995,237</b>	<b>86</b>	<b>1,243</b>	<b>\$0</b>	<b>\$230,983</b>	<b>\$423,943</b>	<b>\$654,926</b>	
<b>TOTAL</b>	<b>6,107</b>	<b>64,955,253</b>	<b>199</b>	<b>2,456</b>	<b>\$24,975</b>	<b>\$250,552</b>	<b>\$672,644</b>	<b>\$948,171</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Fontana Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2014-2015</b>									
<b>SoCal WaterSmart Residential Rebates</b>									
High Efficiency Toilets (HET)	254	3,518,091	11	216	\$0	\$12,700	\$12,700	\$25,400	3.1
High Efficiency Clothes Washers (HECW)	170	1,529,123	5	70	\$0	\$11,050	\$14,450	\$25,500	7.2
Rotating Nozzles for Pop-up Spray Heads	141	183,808	1	3	\$0	\$141	\$564	\$705	1.7
Weather based Irrigation Controllers (WBIC)	4	423,670	1	13	\$0	\$280	\$320	\$600	0.6
Turf Removal (9,340 Sq. Ft.)	6	391,080	1	12	\$0	\$0	\$18,680	\$18,680	20.7
Rain Barrels	10	1,059,175	3.25	32.50	\$0	\$0	\$750	\$750	0.3
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Residential Landscape Retrofit Program (36 WBIC/286 Nozzles)	27	4,236,700	13	123	\$17,495	\$0	\$17,495	\$34,989	3.6
Landscape Transformation Program (9,793 Sq. Ft.)	11	418,847	1	12.85	\$0	\$13,227	\$19,586	\$32,813	31.8
<b>Subtotal</b>	<b>623</b>	<b>11,760,493</b>	<b>36</b>	<b>482</b>	<b>\$17,495</b>	<b>\$37,398</b>	<b>\$84,545</b>	<b>\$139,438</b>	
<b>SoCal WaterSmart Commercial Rebates</b>									
High Efficiency Toilets (HET)	1,162	16,094,572	49	988	\$0	\$0	\$1,966	\$1,966	0.1
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	2	211,835	1	7	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	4,545	5,924,862	18	91	\$0	\$9,090	\$13,635	\$22,725	1.7
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$11,710	\$0	\$11,710	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (2,440 Sq. Ft.)	1	103,375	0.32	3	\$0	\$2,440	\$4,880	\$7,320	30.7
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>5,710</b>	<b>22,334,644</b>	<b>69</b>	<b>1,088</b>	<b>0</b>	<b>\$23,240</b>	<b>\$20,481</b>	<b>\$43,721</b>	
<b>TOTAL</b>	<b>6,333</b>	<b>34,095,137</b>	<b>105</b>	<b>1,571</b>	<b>\$17,495</b>	<b>\$60,638</b>	<b>\$105,026</b>	<b>\$183,159</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Fontana Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2013-2014</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	69	955,558	3	59	\$0	\$3,450	\$3,450	\$6,900	3.1
High Efficiency Clothes Washers (HECW)	174	1,564,867	5	72	\$0	\$11,310	\$14,790	\$26,100	7.2
Rotating Nozzles for Pop-up Spray Heads	1	1,303	0	0	\$0	\$1	\$4	\$5	1.7
Weather based Irrigation Controllers (WBIC)	5	529,508	2	16	\$0	\$350	\$400	\$750	0.6
Rain Barrels	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Residential Landscape Retrofit Program (31 WBIC/122 Nozzles)	23	3,431,211	11	103	\$9,924	\$0	\$9,924	\$19,848	2.5
Landscape Transformation Program (9,180 Sq. Ft.)	11	418,784	1	13	\$0	\$16,290	\$12,160	\$28,450	29.4
<b>Subtotal</b>	<b>283</b>	<b>6,901,231</b>	<b>21</b>	<b>263</b>	<b>\$9,924</b>	<b>\$31,401</b>	<b>\$40,728</b>	<b>\$82,053</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	22	304,671	1	19	\$0	\$0	\$1,966	\$1,966	2.8
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	1,171	8,776,145	27	269	\$0	\$11,710	\$11,710	\$23,420	1.2
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>1,193</b>	<b>9,080,816</b>	<b>28</b>	<b>288</b>	<b>0</b>	<b>\$11,710</b>	<b>\$13,676</b>	<b>\$25,386</b>	
<b>TOTAL</b>	<b>1,476</b>	<b>15,982,047</b>	<b>49</b>	<b>551</b>	<b>\$9,924</b>	<b>\$43,111</b>	<b>\$54,404</b>	<b>\$107,439</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Fontana Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2012-2013</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers (HECW)	125	1,124,186	3.45	51.75	\$0	\$8,125	\$10,625	\$18,750	7.5
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	1	105,902	0.33	3.25	\$0	\$70	\$80	\$150	0.6
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Residential Landscape Retrofit Program	20	5,213,616	16.00	140.00	\$9,648	\$1,570	\$11,219	\$22,437	1.9
Landscape Transformation Program (1000 Sq. Ft.)	2	45,619	0.14	1.40	\$250	\$830	\$1,000	\$2,080	20.4
<b>Subtotal</b>	<b>148</b>	<b>6,489,323</b>	<b>20</b>	<b>196</b>	<b>\$9,899</b>	<b>\$10,595</b>	<b>\$22,924</b>	<b>\$43,418</b>	
<b>IEUA High Efficiency Toilet (HET) Installation Prog.</b>									
IEUA Multi-Family Direct Install Prog. (HET)	57	789,374	2.42	48.45	\$4,180	\$2,033	\$2,850	\$9,063	5.1
IEUA Single-Family Direct Install Prog. (HET)	54	747,828	2.30	45.90	\$3,960	\$1,926	\$2,700	\$8,586	5.1
<b>Subtotal</b>	<b>111</b>	<b>1,537,202</b>	<b>2</b>	<b>94</b>	<b>\$8,141</b>	<b>\$3,958</b>	<b>\$5,550</b>	<b>\$17,649</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	16	1,694,425	5.20	52.00	\$0	\$1,945	\$7,600	\$9,545	2.5
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	65	487,147	1.50	7.48	\$0	\$0	\$650	\$650	0.6
Air-Cooled Ice Machine	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
Fontana Unified School Retrofit Program	1,764	49,203,501	151.00	2880.00	\$206,033	\$0	\$32,050	\$238,083	2.2
FreeSprinklerNozzles.com Program	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>1,845</b>	<b>51,385,073</b>	<b>158</b>	<b>2,939</b>	<b>\$206,033</b>	<b>\$1,945</b>	<b>\$40,300</b>	<b>\$248,278</b>	
<b>TOTAL</b>	<b>2,104</b>	<b>59,411,598</b>	<b>180</b>	<b>3,230</b>	<b>\$224,073</b>	<b>\$16,498</b>	<b>\$68,774</b>	<b>\$309,345</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Fontana Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2011-2012</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Clothes Washers (HECW)	149	1,340,030	4.11	61.69	\$0	\$0	\$12,665	\$12,665	4.5
Rotating Nozzles for Pop-up Spray Heads	65	84,721	0.26	1.30	\$0	\$130	\$195	\$325	1.8
Weather Based Irrigation Controllers (WBIC)	3	317,705	0.98	9.75	\$0	\$135	\$240	\$375	0.6
FreeSprinklerNozzles.com Program	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Residential Landscape Retrofit Program	22	5,865,318	18.00	180.00	\$0	14,499	12,310	26,809	2.2
<b>Subtotal</b>	<b>239</b>	<b>7,607,774</b>	<b>23</b>	<b>253</b>	<b>\$1</b>	<b>\$14,764</b>	<b>\$25,410</b>	<b>\$40,175</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	18	249,276	0.77	15.30	\$1,320	\$642	\$900	\$2,862	5.5
IEUA Single-Family Direct Install Prog. (HET)	1,130	15,648,994	48.03	960.50	\$82,874	\$40,296	\$56,500	\$179,670	5.5
<b>Subtotal</b>	<b>1,148</b>	<b>15,898,270</b>	<b>1</b>	<b>976</b>	<b>\$84,194</b>	<b>\$40,938</b>	<b>\$57,400</b>	<b>\$182,532</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	6	635,409	1.95	19.50	\$0	\$2,134	\$5,025	\$7,159	5.4
Rotating Nozzles for Pop-up Spray Heads	2,000	2,606,808	8.00	40.00	\$0	\$4,000	\$6,000	\$10,000	0.0
Large Rotating Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Fontana Unified School Retrofit Program	2,124	12,708,189	39.00	635.00	\$339,942	\$0	\$51,978	\$391,920	14.8
FreeSprinklerNozzles.com Program	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>4,130</b>	<b>15,950,406</b>	<b>49</b>	<b>695</b>	<b>\$339,942</b>	<b>\$6,134</b>	<b>\$63,003</b>	<b>\$409,079</b>	
<b>TOTAL</b>	<b>5,517</b>	<b>39,456,450</b>	<b>73</b>	<b>1,923</b>	<b>\$424,137</b>	<b>\$61,836</b>	<b>\$145,813</b>	<b>\$631,786</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$



# Fontana Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2010-2011</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Toilets (HET)	7	96,941	0.30	5.95	\$0	\$245	\$350	\$595	4.0
High Efficiency Clothes Washers (HECW)	293	2,635,092	8.09	121.30	\$0	\$0	\$24,905	\$24,905	6.2
Rotating Nozzles for Pop-up Spray Heads	112	145,981	0.45	2.24	\$0	\$224	\$336	\$560	0.0
Weather Based Irrigation Controllers (WBIC)	4	423,606	1.30	13.00	\$0	\$180	\$320	\$500	0.0
Synthetic Turf (420 Sq. Ft.)	1	19,163	0.06	0.59	\$0	\$189	\$126	\$315	10.7
Residential Landscape Retrofit Program	5	977,700	3.00	30.00	\$0	\$1,819	\$2,251	\$4,070	2.7
<b>Subtotal</b>	<b>422</b>	<b>4,298,483</b>	<b>13</b>	<b>173</b>	<b>\$0</b>	<b>\$2,657</b>	<b>\$28,288</b>	<b>\$30,945</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	3	41,546	0.13	2.55	\$220	\$107	\$150	\$477	0.0
<b>Subtotal</b>	<b>3</b>	<b>41,546</b>	<b>0</b>	<b>3</b>	<b>\$220</b>	<b>\$107</b>	<b>\$150</b>	<b>\$477</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Large Rotating Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Fontana Unified School Retrofit Program	1,899	28,679,200	88.00	709.00	\$321,643	\$0	\$33,900	\$355,543	8.1
<b>Subtotal</b>	<b>1,899</b>	<b>28,679,200</b>	<b>88</b>	<b>709</b>	<b>\$321,643</b>	<b>\$0</b>	<b>\$33,900</b>	<b>\$355,543</b>	
<b>TOTAL</b>	<b>2,324</b>	<b>33,019,229</b>	<b>101</b>	<b>885</b>	<b>\$321,863</b>	<b>\$2,764</b>	<b>\$62,338</b>	<b>\$386,965</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Fontana Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2009-2010</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Toilets (HET)	42	581,644	1.79	35.70	\$0	\$1,470	\$2,100	\$3,570	4.0
High Efficiency Clothes Washers (HECW)	84	755,453	2.32	34.78	\$0	\$4,200	\$9,240	\$13,440	11.6
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	1	105,902	0.33	3.25	\$0	\$45	\$80	\$125	0.0
Water Wise Landscape (Turf Buy Back) (1,216 Sq. Ft.)	0	55,473	0.17	1.70	\$0	\$2,000	\$0	\$2,000	23.6
Synthetic Turf (3,923 Sq. Ft.)	2	178,964	0.55	5.49	\$0	\$1,765	\$1,177	\$2,942	10.7
<b>Subtotal</b>	<b>129</b>	<b>1,677,435</b>	<b>5</b>	<b>81</b>	<b>\$0</b>	<b>\$9,480</b>	<b>\$12,597</b>	<b>\$22,077</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	11	152,335	0.4675	9.3500	\$807	\$392	\$1,815	\$3,014	12.9
<b>Subtotal</b>	<b>11</b>	<b>152,335</b>	<b>0</b>	<b>9</b>	<b>\$807</b>	<b>\$392</b>	<b>\$1,815</b>	<b>\$3,014</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Tank	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	40	1,599,277	4.91	98.16	\$0	\$0	\$16,000	\$16,000	6.5
High Efficiency Clothes Washers	1	8,993	0.03	0.28	\$0	\$100	\$80	\$180	13.1
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Nozzles	1	49,855	0.15	0.77	\$0	\$0	\$60	\$60	0.8
<b>Subtotal</b>	<b>42</b>	<b>1,658,125</b>	<b>5</b>	<b>99</b>	<b>\$0</b>	<b>\$100</b>	<b>\$16,140</b>	<b>\$16,240</b>	
<b>TOTAL</b>	<b>182</b>	<b>3,487,896</b>	<b>11</b>	<b>189</b>	<b>\$807</b>	<b>\$9,973</b>	<b>\$30,552</b>	<b>\$41,331</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Fontana Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2008-2009</b>									
<b>Residential Rebate Programs</b>									
Ultra Low Flush Toilets (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	1,043	14,444,160	44.33	886.55	\$0	\$0	\$172,095	\$172,095	7.8
High Efficiency Clothes Washers (HECW)	202	1,816,684	5.58	83.63	\$0	\$0	\$22,220	\$22,220	8.0
Rotating Nozzles for Pop-up Spray Heads	62	80,811	0.25	1.24	\$0	\$0	\$248	\$248	2.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Wise Landscape (Turf Buy Back) (3,689 Sq. Ft.)	3	168,289	0.52	5.16	\$0	\$4,800	\$0	\$4,800	18.6
Synthetic Turf (4,960 Sq. Ft.)	8	226,271	0.69	6.94	\$0	\$1,488	\$1,488	\$2,976	8.6
<b>Subtotal</b>	<b>1,318</b>	<b>16,736,216</b>	<b>51</b>	<b>984</b>	<b>\$0</b>	<b>\$6,288</b>	<b>\$196,051</b>	<b>\$202,339</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	229	3,171,345	9.73	194.65	\$16,795	\$8,166	\$37,785	\$62,746	12.9
<b>Subtotal</b>	<b>229</b>	<b>3,171,345</b>	<b>10</b>	<b>195</b>	<b>\$16,795</b>	<b>\$8,166</b>	<b>\$37,785</b>	<b>\$62,746</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
ULFT Tank	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	81	1,121,742	3.44	68.85	\$0	\$10,935	\$13,365	\$24,300	14.2
Waterless Urinals	58	2,318,951	7.12	142.33	\$0	\$0	\$23,200	\$23,200	6.5
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	6	53,961	0.17	1.66	\$0	\$600	\$480	\$1,080	13.1
Water Brooms	1	49,986	0.15	0.77	\$0	\$0	\$150	\$150	2.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Large Rotating Nozzles	120	703,838	2.16	21.60	\$0	\$0	\$1,560	\$1,560	1.4
Pre-Rinse Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>266</b>	<b>4,248,478</b>	<b>13</b>	<b>235</b>	<b>\$0</b>	<b>\$11,535</b>	<b>\$38,755</b>	<b>\$50,290</b>	
<b>MWD Public Sector Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Central Computer Irrigation Controllers (CCIC)	9	2,909,198	8.93	89.28	\$0	\$0	\$94,088	\$94,088	21.1
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>9</b>	<b>2,909,198</b>	<b>9</b>	<b>89</b>	<b>\$0</b>	<b>\$0</b>	<b>\$94,088</b>	<b>\$94,088</b>	
<b>TOTAL</b>	<b>1,822</b>	<b>27,065,236</b>	<b>83</b>	<b>1,503</b>	<b>\$16,795</b>	<b>\$25,989</b>	<b>\$366,679</b>	<b>\$409,463</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Fontana Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2007-2008</b>									
<b>Residential Rebate Programs</b>									
Ultra Low Flush Toilets (ULFT)	5	61,749	0.19	3.79	\$0	\$0	\$300	\$300	3.7
High Efficiency Toilets (HET)	4	55,395	0.17	3.40	\$0	\$0	\$660	\$660	9.1
High Efficiency Clothes Washers (HECW)	156	1,402,984	4.31	64.58	\$0	\$0	\$17,160	\$17,160	9.3
Rotating Nozzles for Pop-up Spray Heads	21	27,371	0.08	0.42	\$0	\$0	\$84	\$84	2.3
Weather Based Irrigation Controllers (WBIC)	1	105,902	0.33	3.25	\$0	\$160	\$80	\$240	1.7
Water Wise Landscape (Turf Buy Back) (1,216 Sq. Ft.)	1	55,473	0.17	1.70	\$0	\$2,432	\$0	\$2,432	33.5
Synthetic Turf (1,740 Sq. Ft.)	2	79,377	0.24	2.44	\$0	\$522	\$522	\$1,044	10.0
<b>Subtotal</b>	<b>190</b>	<b>1,788,251</b>	<b>5</b>	<b>80</b>	<b>\$0</b>	<b>\$3,114</b>	<b>\$18,806</b>	<b>\$21,920</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
IEUA Multi-Family Direct Install Prog. (HET/ULFT)	780	9,632,807	29.56	591.24	\$57,205	\$27,815	\$46,800	\$131,820	10.4
<b>Subtotal</b>	<b>780</b>	<b>9,632,807</b>	<b>30</b>	<b>591</b>	<b>\$57,205</b>	<b>\$27,815</b>	<b>\$46,800</b>	<b>\$131,820</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
ULFT Tank	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	10	399,819	1.23	24.54	\$0	\$0	\$4,000	\$4,000	7.6
Conductivity Controller	1	209,848	0.64	3.22	\$0	\$175	\$625	\$800	2.9
High Efficiency Clothes Washers	12	107,922	0.33	4.97	\$0	\$3,480	\$1,560	\$5,040	35.6
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	3	317,705	0.98	9.75	\$0	\$0	\$1,890	\$1,890	4.5
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>26</b>	<b>1,035,294</b>	<b>3</b>	<b>42</b>	<b>\$0</b>	<b>\$3,655</b>	<b>\$8,075</b>	<b>\$11,730</b>	
<b>MWD Public Sector Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Central Computer Irrigation Controllers (CCIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>0.0</b>
<b>TOTAL</b>	<b>996</b>	<b>12,456,352</b>	<b>38</b>	<b>713</b>	<b>\$57,205</b>	<b>\$34,584</b>	<b>\$73,681</b>	<b>\$165,470</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Fontana Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2006-2007</b>									
<b>Residential Programs</b>									
Ultra Low Flush Toilets (ULFT)	10	113,070	0.35	6.94	\$0	\$0	\$600	\$600	4.0
High Efficiency Toilets (HET)	2	27,697	0.09	1.70	\$0	\$0	\$530	\$530	14.6
High Efficiency Clothes Washers (HECW)	154	4,245,317	13.03	195.43	\$0	\$0	\$16,940	\$16,940	3.0
Rotating Sprinkler Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC) - Rebate	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC) - Distribution	9	1,906,228	5.85	58.50	\$0	\$0	\$2,160	\$2,160	0.9
<b>Subtotal</b>	<b>175</b>	<b>6,179,243</b>	<b>19</b>	<b>263</b>	<b>\$0</b>	<b>\$0</b>	<b>\$19,630</b>	<b>\$19,630</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Toilet Program (HET/ULFT)	2,717	30,721,200	94.28	1885.60	\$199,265	\$96,888	\$163,020	\$459,173	11.4
<b>Subtotal</b>	<b>2,717</b>	<b>30,721,200</b>	<b>94</b>	<b>1886</b>	<b>\$199,265</b>	<b>\$96,888</b>	<b>\$163,020</b>	<b>\$459,173</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
ULFT Tank	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	1	13,849	0.04	0.85	\$0	\$45	\$165	\$210	11.6
Zero Water Urinal	45	1,796,254	5.51	110.25	\$0	\$0	\$18,000	\$18,000	7.6
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers (HECW)	8	220,536	0.68	10.15	\$0	\$560	\$1,040	\$1,600	5.5
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>54</b>	<b>2,030,638</b>	<b>6</b>	<b>121</b>	<b>\$0</b>	<b>\$605</b>	<b>\$19,205</b>	<b>\$19,810</b>	
<b>TOTAL</b>	<b>2,946</b>	<b>38,931,081</b>	<b>119</b>	<b>2,269</b>	<b>\$199,265</b>	<b>\$97,493</b>	<b>\$201,855</b>	<b>\$498,613</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$



# Fontana Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2005-2006</b>									
<b>Residential Programs</b>									
City Event (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Regional Event (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Rebate Program (ULFT)	28	316,597	0.97	19.43	\$0	\$28	\$1,680	\$1,708	4.1
High Efficiency Clothes Washers	151	1,358,017	4.17	62.51	\$0	\$151	\$16,610	\$16,761	9.4
<b>Subtotal</b>	<b>179</b>	<b>1,674,613</b>	<b>5</b>	<b>82</b>	<b>\$0</b>	<b>\$179</b>	<b>\$18,290</b>	<b>\$18,469</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	1,170	13,229,225	40.60	811.98	\$0	\$122,850	\$70,200	\$193,050	11.1
<b>Subtotal</b>	<b>1,170</b>	<b>13,229,225</b>	<b>41</b>	<b>812</b>	<b>\$0</b>	<b>\$122,850</b>	<b>\$70,200</b>	<b>\$193,050</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT's (Tank)	178	2,012,651	6.18	123.53	\$0	\$178	\$10,680	\$0	
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	18	161,883	0.50	7.45	\$0	\$0	\$4,500	\$4,500	21.2
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Spray Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>196</b>	<b>2,174,534</b>	<b>7</b>	<b>131</b>	<b>\$0</b>	<b>\$178</b>	<b>\$15,180</b>	<b>\$4,500</b>	
<b>TOTAL</b>	<b>1,545</b>	<b>17,078,372</b>	<b>52</b>	<b>1,025</b>	<b>\$0</b>	<b>\$123,207</b>	<b>\$103,670</b>	<b>\$216,019</b>	

<b>FY 2004-2005</b>									
<b>Residential Programs</b>									
City Event (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Regional Event (ULFT)	735	8,310,667	25.50	510.09	\$0	\$8,085	\$44,100	\$52,185	4.8
IEUA Rebate Program (ULFT)	43	486,202	1.49	29.84	\$0	\$43	\$2,580	\$2,623	4.1
High Efficiency Clothes Washers	189	1,699,769	5.22	78.25	\$0	\$189	\$20,790	\$20,979	9.4
Pool Cover Rebates	3	51,246	0.16	0.79	\$0	\$1,219	\$0	\$1,219	18.2
<b>Subtotal</b>	<b>970</b>	<b>10,547,884</b>	<b>32</b>	<b>619</b>	<b>\$0</b>	<b>\$9,536</b>	<b>\$67,470</b>	<b>\$77,006</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	1,070	12,098,522	37.13	742.58	\$0	\$112,350	\$64,200	\$176,550	11.1
<b>Subtotal</b>	<b>1,070</b>	<b>12,098,522</b>	<b>37</b>	<b>743</b>	<b>\$0</b>	<b>\$112,350</b>	<b>\$64,200</b>	<b>\$176,550</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT's (Tank)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Conductivity Controller	2	419,696	1.29	6.44	\$0	\$0	\$1,000	\$1,000	1.8
High Efficiency Clothes Washers	2	17,987	0.06	0.83	\$0	\$0	\$500	\$500	21.2
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Spray Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
X-Ray Film Processor	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>4</b>	<b>437,683</b>	<b>1</b>	<b>7</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,500</b>	<b>\$1,500</b>	
<b>TOTAL</b>	<b>2,044</b>	<b>23,084,089</b>	<b>71</b>	<b>1,369</b>	<b>\$0</b>	<b>\$121,886</b>	<b>\$133,170</b>	<b>\$255,056</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# Fontana Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2003-2004</b>									
<b>Residential Programs</b>									
City Event (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Regional Event (ULFT)	1,489	16,836,167	51.67	1033.37	\$0	\$16,379	\$89,340	\$105,719	5.4
IEUA Rebate Program (ULFT)	112	1,266,387	3.89	77.73	\$0	\$112	\$6,720	\$6,832	4.6
High Efficiency Clothes Washers	241	2,167,431	6.65	99.77	\$0	\$241	\$26,510	\$26,751	5.7
Pool Cover Rebates	15	802,854	2.46	12.30	\$0	\$795	\$0	\$795	2.4
<b>Subtotal</b>	<b>1,857</b>	<b>21,072,839</b>	<b>65</b>	<b>1,223</b>	<b>\$0</b>	<b>\$17,527</b>	<b>\$122,570</b>	<b>\$140,097</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	1,140	12,890,014	39.56	791.16	\$0	\$38,760	\$68,400	\$107,160	4.2
<b>Subtotal</b>	<b>1,140</b>	<b>12,890,014</b>	<b>40</b>	<b>791</b>	<b>\$0</b>	<b>\$38,760</b>	<b>\$68,400</b>	<b>\$107,160</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Clothes Washers	8	71,948	0.22	3.31	\$0	\$0	\$2,000	\$2,000	5.3
Water Brooms (Rebates)	98	4,898,583	15.03	75.17	\$0	\$9,800	\$9,800	\$19,600	3.1
Water Brooms (Distribution)	2	99,971	0.31	1.53	\$0	\$0	\$200	\$200	1.6
Pre-Rinse Spray Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>108</b>	<b>5,070,502</b>	<b>16</b>	<b>80</b>	<b>\$0</b>	<b>\$9,800</b>	<b>\$12,000</b>	<b>\$21,800</b>	
<b>TOTAL</b>	<b>3,105</b>	<b>39,033,355</b>	<b>120</b>	<b>2,094</b>	<b>\$0</b>	<b>\$66,087</b>	<b>\$202,970</b>	<b>\$269,057</b>	
<b>FY 2002-2003</b>									
<b>Residential Programs</b>									
City Event (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Regional Event (ULFT)	629	7,112,122	21.83	436.53	\$0	\$6,919	\$37,740	\$44,659	5.4
IEUA Rebate Program (ULFT)	10	113,070	0.35	6.94	\$0	\$10	\$600	\$610	4.8
High Efficiency Clothes Washers	160	1,438,958	4.42	66.24	\$0	\$160	\$17,600	\$17,760	5.8
Pool Cover Rebates	33	1,246,986	3.83	19.15	\$0	\$1,749	\$0	\$1,749	2.4
<b>Subtotal</b>	<b>832</b>	<b>9,911,136</b>	<b>30</b>	<b>529</b>	<b>\$0</b>	<b>\$8,838</b>	<b>\$55,940</b>	<b>\$64,778</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	251	2,838,064	8.71	174.19	\$0	\$8,534	\$15,060	\$23,594	4.2
<b>Subtotal</b>	<b>251</b>	<b>2,838,064</b>	<b>9</b>	<b>174</b>	<b>\$0</b>	<b>\$8,534</b>	<b>\$15,060</b>	<b>\$23,594</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Clothes Washers	19	170,876	0.52	7.87	\$0	\$0	\$4,750	\$4,750	4.9
Water Brooms	9	449,870	1.38	6.90	\$0	\$900	\$900	\$1,800	3.1
Pre-Rinse Spray Nozzles	35	45,619	0.14	0.70	\$0	\$0	\$1,750	\$1,750	0.5
X-Ray Film Processor (MWD CII)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Restaurant Table Tent Program	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Subtotal</b>	<b>63</b>	<b>666,365</b>	<b>2</b>	<b>15</b>	<b>\$0</b>	<b>\$900</b>	<b>\$7,400</b>	<b>\$8,300</b>	
<b>TOTAL</b>	<b>1,146</b>	<b>13,415,566</b>	<b>41</b>	<b>719</b>	<b>\$0</b>	<b>\$18,272</b>	<b>\$78,400</b>	<b>\$96,672</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$



Monte Vista Water District  
Regional Water Use Efficiency Programs  
Summary Charts

# Monte Vista Water District

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				IEUA Payback Period (years)
					Outside Funding	IEUA	MWD	Total	
<b>FY 2020-2021</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	6	48,103	0	3	\$0	\$360	\$240	\$600	2.9
High Efficiency Clothes Washers (HECW)	65	730,831	2	31	\$0	\$4,875	\$5,525	\$10,400	2.6
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	16	215,876	1	7	\$0	\$1,280	\$1,280	\$2,560	2.3
Hose Bib Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Replacement (16,099 sq. ft.)	6	965,940	3	89	\$8,050	\$16,099	\$32,198	\$56,347	6.5
Rain Barrels	1	619	0	0	\$0	\$0	\$35	\$35	0.0
Cisterns	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
Landscape Tune-Up Program	119	8,997,447	28	55	\$0	\$24,212	\$17,850	\$42,062	1.1
Residential Landscape Retrofit Program (36 WBIC/ 191 Nozzles)	25	759,608	2	19	\$0	\$18,065	\$3,516	\$21,581	9.3
Res. Education, Survey, and Controller Upgrade Program (92 WBIC)	89	1,241,288	4	38	\$0	\$41,451	\$12,681	\$54,132	13.1
Residential Pressure Regulation Program	4	17,990	0	1	\$0	\$2,318	\$100	\$2,418	50.6
Leak Detection Pilot Program	29	708,833	2	22	\$0	\$2,191	\$2,778	\$4,968	1.2
<b>Subtotal</b>	<b>360</b>	<b>13,686,534</b>	<b>42</b>	<b>265</b>	<b>8,050</b>	<b>\$110,851</b>	<b>\$76,203</b>	<b>\$195,103</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	6	25,225	0.08	1	\$0	\$90	\$210	\$300	1.4
Rotating Nozzles for Pop-up Spray Heads (0 App/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Replacement (18,022 sq. ft.)	3	774,946	2	71	\$0	\$18,022	\$36,044	\$54,066	9.1
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>9</b>	<b>800,171</b>	<b>2</b>	<b>72</b>	<b>\$0</b>	<b>\$18,112</b>	<b>\$36,254</b>	<b>\$54,366</b>	
<b>TOTAL</b>	<b>369</b>	<b>14,486,705</b>	<b>44</b>	<b>337</b>	<b>\$8,050</b>	<b>\$128,963</b>	<b>\$112,457</b>	<b>\$249,469</b>	

$$^{(1)} \text{ Payback period} = \frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Monte Vista Water District

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				IEUA Payback Period (years)
					Outside Funding	IEUA	MWD	Total	
<b>FY 2019-2020</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	29	232,497	1	14	\$0	\$1,740	\$1,160	\$2,900	2.9
High Efficiency Clothes Washers (HECW)	25	281,089	1	12	\$0	\$1,875	\$2,125	\$4,000	2.6
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	12	161,907	0	5	\$0	\$960	\$960	\$1,920	2.3
Turf Replacement (29,699 sq. ft.)	16	1,277,057	4	39	\$11,725	\$23,450	\$59,398	\$94,573	7.2
Rain Barrels	1	619	0	0	\$0	\$0	\$35	\$35	0.0
Cisterns	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
Landscape Tune-Up Program	27	2,041,438	6	13	\$0	\$5,633	\$4,050	\$9,683	1.1
Residential Landscape Retrofit Program (19 WBIC/ 38 Nozzles)	11	310,843	1	9	\$0	\$5,737	\$4,349	\$10,086	7.2
Res. Education, Survey, and Controller Upgrade Program (24 WBIC)	23	323,814	1	10	\$0	\$9,621	\$5,029	\$14,650	11.7
Residential Pressure Regulation Program	1	4,497	0	0	\$0	\$297	\$260	\$557	25.9
Leak Detection Pilot Program	25	611,063	2	19	\$0	\$4,283	\$0	\$4,283	2.8
<b>Subtotal</b>	<b>170</b>	<b>5,244,824</b>	<b>16</b>	<b>121</b>	<b>11,725</b>	<b>\$53,596</b>	<b>\$77,366</b>	<b>\$142,687</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	2	16,034	0	1	\$0	\$120	\$80	\$200	2.9
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads (0 App/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Replacement (0 Apps)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>2</b>	<b>16,034</b>	<b>0</b>	<b>1</b>	<b>\$0</b>	<b>\$120</b>	<b>\$80</b>	<b>\$200</b>	
<b>TOTAL</b>	<b>172</b>	<b>5,260,859</b>	<b>16</b>	<b>122</b>	<b>\$11,725</b>	<b>\$53,716</b>	<b>\$77,446</b>	<b>\$142,887</b>	

(1) Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# Monte Vista Water District

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				IEUA Payback Period (years)
					Outside Funding	IEUA	MWD	Total	
<b>FY 2018-2019</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	12	96,206	0	6	\$0	\$720	\$480	\$1,200	3.1
High Efficiency Clothes Washers (HECW)	44	494,716	2	21	\$0	\$3,300	\$3,740	\$7,040	2.7
Rotating Nozzles for Pop-up Spray Heads (1 App/ 30 Nozzles)	1	43,019	0	1	\$0	\$90	\$60	\$150	0.9
Weather based Irrigation Controllers (WBIC)	11	148,415	0	5	\$0	\$880	\$880	\$1,760	2.4
Turf Removal (5,970 Sq. Ft.)	6	256,710	1	8	\$2,985	\$5,970	\$9,369	\$18,324	9.5
Rain Barrels	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cisterns	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
Landscape Tune-Up Program (17 Small Sites/ 1 Large Site)	18	N/A	N/A	N/A	\$9,743	\$0	\$0	\$9,743	0.0
Residential Landscape Retrofit Program (6 WBIC/ 40 Nozzles)	3	138,312	0	3	\$1,356	\$0	\$1,411	\$2,768	0.0
Res. Education, Survey, and Controller Upgrade Program (37 WBIC)	30	499,214	2	15	\$0	\$12,549	\$7,692	\$20,241	10.3
Residential Pressure Regulation Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>125</b>	<b>1,676,591</b>	<b>8</b>	<b>59</b>	<b>\$14,084</b>	<b>\$23,509</b>	<b>\$23,632</b>	<b>\$61,225</b>	<b>9.9</b>
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (0 Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$3,608</b>	<b>\$0</b>	<b>\$3,608</b>	
<b>TOTAL</b>	<b>125</b>	<b>1,676,591</b>	<b>8</b>	<b>59</b>	<b>\$14,084</b>	<b>\$27,117</b>	<b>\$23,632</b>	<b>\$64,833</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$



# Monte Vista Water District

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2017-2018</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	21	168,360	1	10	\$0	\$1,260	\$840	\$2,100	5.3
High Efficiency Clothes Washers (HECW)	37	416,011	1	18	\$0	\$2,405	\$3,145	\$5,550	5.6
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	7	0	0	0	\$0	\$490	\$560	\$1,050	0.0
Turf Removal (0 Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rain Barrels	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cisterns	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program (\$3,486.00 Total Cost)	996	1,428,224	4	22	\$0	\$1,494	\$1,992	\$3,486	1.0
Residential Landscape Retrofit Program (7 WBIC/ 40 Nozzles)	2	151,804	0	3	\$958	\$38	\$920	\$1,916	5.3
Residential Education, Survey, and Controller Upgrade Program (50 W	43	674,613	2	21	\$0	\$25,465	\$4,850	\$30,315	19.0
Residential Pressure Regulation Program	3	115,369	0	4	\$0	\$733	\$650	\$1,383	5.1
<b>Subtotal</b>	<b>1,109</b>	<b>2,954,381</b>	<b>9</b>	<b>78</b>	<b>\$958</b>	<b>\$31,885</b>	<b>\$12,957</b>	<b>\$45,800</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (0 Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program (\$43,155.50 Total Cost)	8,933	12,809,565	39	197	\$0	\$25,290	\$17,866	\$43,156	1.4
<b>Subtotal</b>	<b>8,933</b>	<b>12,809,565</b>	<b>39</b>	<b>197</b>	<b>\$0</b>	<b>\$25,290</b>	<b>\$17,866</b>	<b>\$43,156</b>	
<b>TOTAL</b>	<b>10,042</b>	<b>15,763,946</b>	<b>48</b>	<b>274</b>	<b>\$958</b>	<b>\$57,174</b>	<b>\$30,823</b>	<b>\$88,956</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Monte Vista Water District

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2016-2017</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	23	184,394	1	11	\$0	\$1,858	\$920	\$2,778	6.6
High Efficiency Clothes Washers (HECW)	44	494,716	2	21	\$0	\$585	\$3,740	\$4,325	3.8
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	4	53,969	0.17	2	\$0	\$210	\$320	\$530	4.3
Turf Removal (11,878 Sq. Ft.)	8	503,235	2	15	\$0	\$0	\$23,756	\$23,756	20.7
Rain Barrels	15	9,288	0.03	0.14	\$0	\$0	\$1,100	\$1,100	51.9
Cisterns	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	1,064	1,525,733	5	23	\$0	\$1,755	\$2,128	\$3,883	1.1
Residential Landscape Retrofit Program (24 WBIC/232 Nozzles)	15	656,492.96	2	15	\$7,113	\$103	\$7,009	\$14,225	9.5
Residential Education, Survey, and Controller Upgrade Program	41	553,182.66	2	17	\$0	\$17,340	\$7,745	\$25,085	19.9
Residential Pressure Regulation Program	1	0	0	0	\$0	\$145	\$0	\$145	0.0
<b>Subtotal</b>	<b>1,215</b>	<b>3,981,012</b>	<b>12</b>	<b>105</b>	<b>\$7,113</b>	<b>\$21,997</b>	<b>\$46,718</b>	<b>\$75,827</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (22,508 Sq. Ft.)	2	953,596	3	29	\$0	\$5,379	\$22,508	\$27,887	12.8
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	641	877,388	3	27	\$0	\$3,205	\$3,205	\$6,410	3.2
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>643</b>	<b>1,830,984</b>	<b>6</b>	<b>56</b>	<b>\$0</b>	<b>\$8,584</b>	<b>\$25,713</b>	<b>\$34,297</b>	
<b>TOTAL</b>	<b>1,858</b>	<b>5,811,996</b>	<b>18</b>	<b>161</b>	<b>\$7,113</b>	<b>\$30,581</b>	<b>\$72,431</b>	<b>\$110,124</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Monte Vista Water District

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2015-2016</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	839	11,620,779	36	713	\$0	\$53,130	\$81,914	\$135,044	5.3
High Efficiency Clothes Washers (HECW)	68	764,561	2	33	\$0	\$585	\$5,695	\$6,280	3.7
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	7	741,423	2	23	\$0	\$219	\$560	\$779	0.5
Turf Removal (123,493 Sq. Ft.)	43	5,232,028	16	161	\$0	\$0	\$201,306	\$201,306	17.4
Rain Barrels	21	13,003	0.04	0.20	\$0	\$0	\$1,564	\$1,564	54.4
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	1,154	1,654,790	5	25	\$0	\$1,846	\$2,308	\$4,154	1.1
Residential Landscape Retrofit Program (116 WBIC/1,849 Nozzles)	81	14937822.04	46	418	\$37,313	\$0	\$37,313	\$74,626	2.3
Landscape Transformation Program (1,000 Sq. Ft.)	1	42,367	0.13	1	\$300	\$2,950	\$0	\$3,250	34.7
Residential Pressure Regulation Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>2,214</b>	<b>35,006,773</b>	<b>107</b>	<b>1,374</b>	<b>\$37,613</b>	<b>\$58,731</b>	<b>\$330,660</b>	<b>\$427,004</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	497	6,883,823	21	422	\$0	\$22,550	\$61,370	\$83,920	5.5
Waterless Urinals	17	679,795	2	42	\$0	\$491	\$3,400	\$3,891	2.6
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	8	847,340	3	26	\$0	\$504	\$3,080	\$3,584	1.9
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (246,138 Sq. Ft.)	11	10,428,129	32	320	\$0	\$137,463	\$448,906	\$586,369	25.4
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	2,259	3,092,074	9	95	\$0	\$4,650	\$4,650	\$9,300	1.4
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	100	143,396	0.44	2	\$0	\$160	\$200	\$360	1.1
<b>Subtotal</b>	<b>2,892</b>	<b>22,074,556</b>	<b>68</b>	<b>907</b>	<b>\$0</b>	<b>\$165,818</b>	<b>\$521,606</b>	<b>\$687,424</b>	
<b>TOTAL</b>	<b>5,106</b>	<b>57,081,330</b>	<b>175</b>	<b>2,281</b>	<b>\$37,613</b>	<b>\$224,549</b>	<b>\$852,266</b>	<b>\$1,114,428</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Monte Vista Water District

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2014-2015</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	66	914,150	3	56	\$0	\$3,300	\$3,300	\$6,600	3.1
High Efficiency Clothes Washers (HECW)	51	458,737	1	21	\$0	\$3,315	\$4,335	\$7,650	7.2
Rotating Nozzles for Pop-up Spray Heads	15	19,551	0.06	0.30	\$0	\$15	\$60	\$75	1.7
Weather based Irrigation Controllers (WBIC)	3	317,753	1	10	\$0	\$210	\$240	\$450	0.6
Turf Removal (6,908 Sq. Ft.)	3	977,700	1	9	\$0	\$0	\$12,770	\$12,770	19.1
Rain Barrels	5	529,508	2	16	\$0	\$0	\$375	\$375	0.2
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	2,426	3,162,058	10	49	\$0	\$0	\$8,190	\$8,190	1.1
Residential Landscape Retrofit Program (112 WBIC/1,785 Nozzles)	72	14,339,600	44	403	\$64,912	\$0	\$64,912	\$129,825	3.9
Landscape Transformation Program (19,028 Sq. Ft.)	21	306,607	1	9	\$0	\$25,417	\$38,056	\$63,473	84.4
<b>Subtotal</b>	<b>2,662</b>	<b>21,025,663</b>	<b>63</b>	<b>573</b>	<b>\$64,912</b>	<b>\$32,257</b>	<b>\$132,238</b>	<b>\$229,407</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$90	\$200	\$290	0.0
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0	0	\$0	\$0	\$184	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	1	65,180	0.2	1	\$0	\$930	\$1,000	\$1,930	12.8
Turf Removal (15,020 Sq. Ft.)	5	636,352	2	20	\$0	\$15,020	\$30,040	\$45,060	30.7
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	200	260,720	1	4	\$0	\$0	\$650	\$650	1.1
<b>Subtotal</b>	<b>206</b>	<b>962,252</b>	<b>3</b>	<b>25</b>	<b>\$0</b>	<b>\$16,040</b>	<b>\$32,074</b>	<b>\$47,931</b>	
<b>TOTAL</b>	<b>2,868</b>	<b>21,987,915</b>	<b>66</b>	<b>598</b>	<b>\$64,912</b>	<b>\$48,297</b>	<b>\$164,312</b>	<b>\$277,338</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# Monte Vista Water District

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2013-2014</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	39	540,098	2	33	\$0	\$1,950	\$1,950	\$3,900	3.1
High Efficiency Clothes Washers (HECW)	38	341,753	1	16	\$0	\$2,470	\$3,230	\$5,700	7.2
Rotating Nozzles for Pop-up Spray Heads	2	2,607	0	0	\$0	\$2	\$8	\$10	1.7
Weather based Irrigation Controllers (WBIC)	2	211,803	1	7	\$0	\$140	\$160	\$300	0.6
Rain Barrels	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	712	928,024	3	14	\$0	\$0	\$7,394	\$7,394	3.5
Residential Landscape Retrofit Program (55 WBIC/347 Nozzles)	32	6,192,100	19	188	\$15,310	\$0	\$15,310	\$30,619	2.1
Landscape Transformation Program (6,720 Sq. Ft.)	7	306,607	1	9	\$0	\$13,414	\$6,720	\$20,134	28.5
<b>Subtotal</b>	<b>832</b>	<b>8,522,991</b>	<b>26</b>	<b>267</b>	<b>\$15,310</b>	<b>\$17,976</b>	<b>\$34,771</b>	<b>\$68,056</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	2	27,697	0.09	2	\$0	\$90	\$200	\$290	4.5
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	2	211,803	1	7	\$0	\$0	\$184	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	48	62,563	0.19	1	\$0	\$48	\$192	\$240	1.7
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	65,170	0	1	\$0	\$0	\$0	\$0	0.0
Turf Removal	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	1,460	1,902,970	6	29	\$0	\$0	\$4,745	\$4,745	1.1
<b>Subtotal</b>	<b>1,512</b>	<b>2,270,204</b>	<b>7</b>	<b>40</b>	<b>\$0</b>	<b>\$138</b>	<b>\$5,321</b>	<b>\$5,276</b>	
<b>TOTAL</b>	<b>2,344</b>	<b>10,793,195</b>	<b>33</b>	<b>307</b>	<b>\$15,310</b>	<b>\$18,114</b>	<b>\$40,092</b>	<b>\$73,332</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Monte Vista Water District

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2012-2013</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers (HECW)	50	449,674	1.38	20.70	\$0	\$3,250	\$4,250	\$7,500	7.5
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	5	529,508	1.63	16.25	\$0	\$350	\$400	\$750	0.6
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	1,575	2,052,861	6.30	63.00	\$0	\$0	\$7,394	\$7,394	1.6
Residential Landscape Retrofit Program	20	5,214,400	16.00	145.00	\$10,305	\$1,678	\$11,982	\$23,965	2.1
Landscape Transformation Program (4,732 Sq. Ft.)	6	199,477	0.61	6.12	\$1,183	\$3,629	\$4,732	\$9,544	21.4
<b>Subtotal</b>	<b>1,656</b>	<b>8,445,920</b>	<b>26</b>	<b>251</b>	<b>\$11,488</b>	<b>\$8,907</b>	<b>\$28,758</b>	<b>\$49,153</b>	
<b>IEUA High Efficiency Toilet (HET) Installation Prog.</b>									
IEUA Multi-Family Direct Install Prog. (HET)	4	55,395	0.1700	3.4000	\$293	\$143	\$200	\$636	5.1
IEUA Single-Family Direct Install Prog. (HET)	96	1,329,472	4.0800	81.6000	\$7,041	\$3,423	\$4,800	\$15,264	5.1
<b>Subtotal</b>	<b>100</b>	<b>1,384,867</b>	<b>4</b>	<b>85</b>	<b>\$7,334</b>	<b>\$3,566</b>	<b>\$5,000</b>	<b>\$15,900</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	11	152,335	0.47	9.35	\$0	\$550	\$550	\$1,100	3.2
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	30	224,837	0.69	3.45	\$0	\$300	\$300	\$600	1.2
Air-Cooled Ice Machine	1	65,170	0.20	1.40	\$0	\$930	\$1,000	\$1,930	13.3
<b>IEUA Locally Implemented Commercial Programs</b>									
Fontana Unified School Retrofit Program	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
FreeSprinklerNozzles.com Program	282	367,560	1.13	5.64	\$0	\$0	\$917	\$917	1.1
<b>Subtotal</b>	<b>324</b>	<b>809,903</b>	<b>2</b>	<b>20</b>	<b>\$0</b>	<b>\$1,780</b>	<b>\$2,767</b>	<b>\$4,548</b>	
<b>TOTAL</b>	<b>2,080</b>	<b>10,640,690</b>	<b>33</b>	<b>356</b>	<b>\$18,822</b>	<b>\$14,253</b>	<b>\$36,524</b>	<b>\$69,600</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$



# Monte Vista Water District

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2011-2012</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Clothes Washers (HECW)	54	485,648	1.49	22.36	\$0	\$0	\$4,590	\$4,590	4.5
Rotating Nozzles for Pop-up Spray Heads	40	52,136	0.16	0.80	\$0	\$80	\$120	\$200	1.8
Weather Based Irrigation Controllers (WBIC)	1	105,902	0.33	3.25	\$0	\$45	\$80	\$125	0.6
FreeSprinklerNozzles.com Program	2,197	2,863,579	8.79	87.88	\$0	\$0	\$6,825	\$6,825	1.1
Residential Landscape Retrofit Program	3	977,700	3.00	25.00	\$0	\$2,167	\$1,858	\$4,025	2.0
<b>Subtotal</b>	<b>2,295</b>	<b>4,484,965</b>	<b>14</b>	<b>139</b>	<b>\$0</b>	<b>\$2,292</b>	<b>\$13,473</b>	<b>\$15,765</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	9	124,638	0.38	7.65	\$660	\$321	\$450	\$1,431	7.5
IEUA Single-Family Direct Install Prog. (HET)	143	1,980,359	6.08	121.55	\$10,488	\$5,099	\$7,150	\$22,737	7.5
<b>Subtotal</b>	<b>152</b>	<b>2,104,997</b>	<b>6</b>	<b>129</b>	<b>\$11,148</b>	<b>\$5,420</b>	<b>\$7,600</b>	<b>\$24,168</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	5	199,910	0.61	12.27	\$0	\$250	\$1,000	\$1,250	3.0
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	17	1,800,327	5.53	55.25	\$0	\$6,120	\$10,200	\$16,320	4.3
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
FreeSprinklerNozzles.com Program	2,889	3,765,534	11.56	115.56	\$0	\$0	\$37,557	\$37,557	4.8
Central Computerized Irrigation Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>2,911</b>	<b>5,765,771</b>	<b>18</b>	<b>183</b>	<b>\$1</b>	<b>\$6,370</b>	<b>\$48,757</b>	<b>\$55,128</b>	
<b>TOTAL</b>	<b>5,358</b>	<b>12,355,733</b>	<b>38</b>	<b>452</b>	<b>\$11,149</b>	<b>\$14,082</b>	<b>\$69,830</b>	<b>\$95,061</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Monte Vista Water District

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2010-2011</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Toilets (HET)	2	27,697	0.09	1.70	\$0	\$70	\$100	\$170	4.0
High Efficiency Clothes Washers (HECW)	94	845,388	2.59	38.92	\$0	\$0	\$7,990	\$7,990	6.2
Rotating Nozzles for Pop-up Spray Heads	150	195,511	0.60	3.00	\$0	\$300	\$450	\$750	2.5
Weather Based Irrigation Controllers (WBIC)	4	423,606	1.30	13.00	\$0	\$180	\$320	\$500	0.8
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
FreeSprinklerNozzles.com Program	91	118,610	0.36	3.64	\$0	\$0	\$6,825	\$6,825	37.6
Residential Landscape Retrofit Program	10	2,933,100	9.00	85.00	\$0	\$5,662	\$5,482	\$11,144	2.5
<b>Subtotal</b>	<b>351</b>	<b>4,543,912</b>	<b>14</b>	<b>145</b>	<b>\$0</b>	<b>\$6,212</b>	<b>\$21,167</b>	<b>\$27,379</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	11	152,335	0.47	9.35	807	392	550	1,749	7.5
<b>Subtotal</b>	<b>11</b>	<b>152,335</b>	<b>0</b>	<b>9</b>	<b>\$807</b>	<b>\$392</b>	<b>\$550</b>	<b>\$1,749</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Toilets (HET)	1	13,849	0.04	0.85	\$0	\$135	\$165	\$300	14.2
Waterless Urinals	14	559,747	1.72	34.36	\$0	\$700	\$2,800	\$3,500	4.1
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>15</b>	<b>573,596</b>	<b>2</b>	<b>35</b>	<b>\$0</b>	<b>\$835</b>	<b>\$2,965</b>	<b>\$3,800</b>	
<b>TOTAL</b>	<b>377</b>	<b>5,269,843</b>	<b>16</b>	<b>190</b>	<b>\$807</b>	<b>\$7,440</b>	<b>\$24,682</b>	<b>\$32,928</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Monte Vista Water District

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2009-2010</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Toilets (HET)	35	484,703	1.49	29.75	\$0	\$1,225	\$1,750	\$2,975	4.0
High Efficiency Clothes Washers (HECW)	22	197,857	0.61	9.11	\$0	\$1,100	\$2,420	\$3,520	11.6
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Wise Landscape (Turf Buy Back) (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>57</b>	<b>682,560</b>	<b>2</b>	<b>39</b>	<b>\$0</b>	<b>\$2,325</b>	<b>\$4,170</b>	<b>\$6,495</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	211	2,922,069	8.97	179.35	\$15,475	\$7,524	\$34,815	\$57,814	12.9
<b>Subtotal</b>	<b>211</b>	<b>2,922,069</b>	<b>9</b>	<b>179</b>	<b>\$15,475</b>	<b>\$7,524</b>	<b>\$34,815</b>	<b>\$57,814</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Tank	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	4	423,606	1.30	13.00	\$0	\$990	\$1,650	\$2,640	4.1
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	220	286,749	0.88	4.40	\$0	\$0	\$880	\$880	2.0
Pre-Rinse Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>224</b>	<b>710,355</b>	<b>2</b>	<b>17</b>	<b>\$0</b>	<b>\$990</b>	<b>\$2,530</b>	<b>\$3,520</b>	
<b>TOTAL</b>	<b>492</b>	<b>4,314,984</b>	<b>13</b>	<b>236</b>	<b>\$15,475</b>	<b>\$10,839</b>	<b>\$41,515</b>	<b>\$67,829</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Monte Vista Water District

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2008-2009</b>									
<b>Residential Rebate Programs</b>									
Ultra Low Flush Toilets (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	296	4,099,206	12.58	251.60	\$0	\$0	\$48,840	\$48,840	7.8
High Efficiency Clothes Washers (HECW)	68	611,557	1.88	28.15	\$0	\$0	\$7,480	\$7,480	8.0
Rotating Nozzles for Pop-up Spray Heads	171	222,882	0.68	3.42	\$0	\$0	\$684	\$684	2.0
Weather Based Irrigation Controllers (WBIC)	2	211,803	0.65	6.50	\$0	\$0	\$160	\$160	0.5
Water Wise Landscape (Turf Buy Back) (19,580 Sq. Ft.)	10	893,223	2.74	27.41	\$0	\$18,836	\$0	\$18,836	13.8
Synthetic Turf (3,529 Sq. Ft.)	3	160,990	0.49	4.94	\$0	\$1,059	\$1,319	\$2,378	9.7
<b>Subtotal</b>	<b>550</b>	<b>6,199,661</b>	<b>19</b>	<b>322</b>	<b>\$0</b>	<b>\$19,895</b>	<b>\$58,483</b>	<b>\$78,378</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	122	1,689,537	5.19	103.70	\$8,947	\$4,351	\$20,130	\$33,428	12.9
<b>Subtotal</b>	<b>122</b>	<b>1,689,537</b>	<b>5</b>	<b>104</b>	<b>\$8,947</b>	<b>\$4,351</b>	<b>\$20,130</b>	<b>\$33,428</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
ULFT Tank	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	45	623,190	1.91	38.25	\$0	\$6,075	\$7,425	\$13,500	14.2
Waterless Urinals	16	639,711	1.96	39.26	\$0	\$0	\$6,400	\$6,400	6.5
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Synthetic Turf (1,925 Sq. Ft.)	2	87,817	0.27	2.70	\$0	\$578	\$578	\$1,155	8.6
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Nozzles	3	149,566	0.46	2.30	\$0	\$0	\$180	\$180	0.8
<b>Subtotal</b>	<b>66</b>	<b>1,500,283</b>	<b>5</b>	<b>83</b>	<b>\$0</b>	<b>\$6,653</b>	<b>\$14,583</b>	<b>\$21,235</b>	
<b>MWD Public Sector Program</b>									
High Efficiency Toilets (HET)	4	55,395	0.17	3.40	\$0	\$0	\$1,285	\$1,285	15.2
Waterless Urinals	2	81,463	0.25	5.00	\$0	\$0	\$1,071	\$1,071	8.6
Water Brooms	4	199,942	0.61	3.07	\$0	\$0	\$1,401	\$1,401	4.6
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Central Computer Irrigation Controllers (CCIC)	4	1,292,977	3.97	39.68	\$0	\$0	\$19,321	\$19,321	9.8
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>14</b>	<b>1,629,776</b>	<b>5</b>	<b>51</b>	<b>\$0</b>	<b>\$0</b>	<b>\$23,078</b>	<b>\$23,078</b>	
<b>TOTAL</b>	<b>752</b>	<b>11,019,258</b>	<b>34</b>	<b>559</b>	<b>\$8,947</b>	<b>\$30,898</b>	<b>\$116,274</b>	<b>\$156,119</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Monte Vista Water District

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2007-2008</b>									
<b>Residential Rebate Programs</b>									
Ultra Low Flush Toilets (ULFT)	6	74,099	0.23	4.55	\$0	\$0	\$360	\$360	3.7
High Efficiency Toilets (HET)	5	69,243	0.21	4.25	\$0	\$0	\$825	\$825	9.1
High Efficiency Clothes Washers (HECW)	96	863,375	2.65	39.74	\$0	\$0	\$10,560	\$10,560	9.3
Rotating Nozzles for Pop-up Spray Heads	262	341,492	1.05	5.24	\$0	\$0	\$1,048	\$1,048	2.3
Weather Based Irrigation Controllers (WBIC)	3	317,705	0.98	9.75	\$0	\$480	\$240	\$720	1.7
Water Wise Landscape (Turf Buy Back) (270 Sq. Ft.)	1	12,317	0.04	0.38	\$0	\$540	\$0	\$540	33.5
Synthetic Turf (2,783 Sq. Ft.)	4	126,958	0.39	3.90	\$0	\$835	\$835	\$1,670	10.0
<b>Subtotal</b>	<b>377</b>	<b>1,805,188</b>	<b>6</b>	<b>68</b>	<b>\$0</b>	<b>\$1,855</b>	<b>\$13,868</b>	<b>\$15,723</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
IEUA Multi-Family Direct Install Prog. (HET/ULFT)	122	1,506,670	4.62	92.48	\$8,947	\$4,351	\$7,320	\$20,618	10.4
<b>Subtotal</b>	<b>122</b>	<b>1,506,670</b>	<b>5</b>	<b>92</b>	<b>\$8,947</b>	<b>\$4,351</b>	<b>\$7,320</b>	<b>\$20,618</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
ULFT Tank	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	146	2,021,905	6.21	124.10	\$0	\$19,710	\$24,090	\$43,800	16.5
Waterless Urinals	24	959,566	2.94	58.90	\$0	\$0	\$9,600	\$9,600	7.6
Conductivity Controller	1	209,848	0.64	3.22	\$0	\$175	\$625	\$800	2.9
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Synthetic Turf (925 Sq. Ft.)	1	42,198	0.13	1.30	\$0	\$278	\$278	\$555	10.0
Rotating Nozzles for Pop-up Spray Heads	65	84,721	0.26	1.30	\$0	\$0	\$260	\$260	0.0
<b>Subtotal</b>	<b>237</b>	<b>3,318,238</b>	<b>10</b>	<b>189</b>	<b>\$0</b>	<b>\$20,163</b>	<b>\$34,853</b>	<b>\$55,015</b>	
<b>MWD Public Sector Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	4	199,942	0.61	3.07	\$0	\$0	\$1,520	\$1,520	5.8
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Central Computer Irrigation Controllers (CCIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>4</b>	<b>199,942</b>	<b>1</b>	<b>3</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,520</b>	<b>\$1,520</b>	
<b>TOTAL</b>	<b>740</b>	<b>6,830,039</b>	<b>21</b>	<b>352</b>	<b>\$8,947</b>	<b>\$26,368</b>	<b>\$57,560</b>	<b>\$92,876</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Monte Vista Water District

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2006-2007</b>									
<b>Residential Programs</b>									
Ultra Low Flush Toilets (ULFT)	13	146,991	0.45	9.02	\$0	\$0	\$780	\$780	4.0
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers (HECW)	76	2,095,092	6.43	64.30	\$0	\$0	\$8,360	\$8,360	3.0
Rotating Sprinkler Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC) - Rebate	1	211,803	0.65	6.50	\$0	\$160	\$80	\$240	0.9
Weather Based Irrigation Controllers (WBIC) - Distribution	34	7,201,307	22.10	221.00	\$0	\$0	\$8,160	\$8,160	0.9
<b>Subtotal</b>	<b>124</b>	<b>9,508,202</b>	<b>29</b>	<b>301</b>	<b>\$0</b>	<b>\$160</b>	<b>\$16,600</b>	<b>\$16,760</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Toilet Program (HET/ULFT)	460	5,201,234	15.96	319.24	\$33,736	\$16,404	\$27,600	\$77,740	11.4
<b>Subtotal</b>	<b>460</b>	<b>5,201,234</b>	<b>16</b>	<b>319</b>	<b>\$33,736</b>	<b>\$16,404</b>	<b>\$27,600</b>	<b>\$77,740</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	4	36,235	0.11	2.22	\$0	\$60	\$540	\$600	12.6
ULFT Tank	119	1,345,537	4.13	82.59	\$0	\$1,785	\$16,065	\$17,850	10.1
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Zero Water Urinal	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers (HECW)	66	1,819,422	5.58	83.75	\$0	\$4,620	\$8,580	\$13,200	5.5
Water Brooms	1	49,986	0.15	0.77	\$0	\$0	\$150	\$150	2.3
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>190</b>	<b>3,251,178</b>	<b>10</b>	<b>169</b>	<b>\$0</b>	<b>\$6,465</b>	<b>\$25,335</b>	<b>\$31,800</b>	
<b>TOTAL</b>	<b>774</b>	<b>17,960,614</b>	<b>55</b>	<b>789</b>	<b>\$33,736</b>	<b>\$23,029</b>	<b>\$69,535</b>	<b>\$126,300</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$



# Monte Vista Water District

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2005-2006</b>									
<b>Residential Programs</b>									
City Event (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Regional Event (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Rebate Program (ULFT)	38	429,667	1.32	26.37	\$0	\$38	\$2,280	\$2,318	4.1
High Efficiency Clothes Washers	66	593,570	1.82	27.32	\$0	\$66	\$7,260	\$7,326	9.4
<b>Subtotal</b>	<b>104</b>	<b>1,023,237</b>	<b>3</b>	<b>54</b>	<b>\$0</b>	<b>\$104</b>	<b>\$9,540</b>	<b>\$9,644</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	101	1,142,010	3.50	70.09	\$0	\$10,605	\$6,060	\$16,665	11.1
<b>Subtotal</b>	<b>101</b>	<b>1,142,010</b>	<b>4</b>	<b>70</b>	<b>\$0</b>	<b>\$10,605</b>	<b>\$6,060</b>	<b>\$16,665</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT's (Tank)	64	723,650	2.22	44.42	\$0	\$64	\$3,840	\$3,904	4.1
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	2	17,987	0.06	0.83	\$0	\$0	\$500	\$500	21.2
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Spray Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>66</b>	<b>741,637</b>	<b>2</b>	<b>45</b>	<b>\$0</b>	<b>\$64</b>	<b>\$4,340</b>	<b>\$4,404</b>	
<b>TOTAL</b>	<b>271</b>	<b>2,906,884</b>	<b>9</b>	<b>169</b>	<b>\$0</b>	<b>\$10,773</b>	<b>\$19,940</b>	<b>\$30,713</b>	

<b>FY 2004-2005</b>									
<b>Residential Programs</b>									
City Event (ULFT)	276	3,120,740	9.58	191.54	\$0	\$1,794	\$16,560	\$18,354	4.5
IEUA Regional Event (ULFT)	4	45,228	0.14	2.78	\$0	\$44	\$240	\$284	4.8
IEUA Rebate Program (ULFT)	37	418,360	1.28	25.68	\$0	\$37	\$2,220	\$2,257	4.1
High Efficiency Clothes Washers	92	827,401	2.54	38.09	\$0	\$92	\$10,120	\$10,212	9.4
Pool Cover Rebates	3	51,246	0.16	0.79	\$0	\$159	\$0	\$159	2.4
<b>Subtotal</b>	<b>412</b>	<b>4,462,975</b>	<b>14</b>	<b>259</b>	<b>\$0</b>	<b>\$2,126</b>	<b>\$29,140</b>	<b>\$31,266</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	12	135,684	0.42	8.33	\$0	\$1,260	\$720	\$1,980	11.1
<b>Subtotal</b>	<b>12</b>	<b>135,684</b>	<b>0</b>	<b>8</b>	<b>\$0</b>	<b>\$1,260</b>	<b>\$720</b>	<b>\$1,980</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT's (Tank)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	2	17,987	0.06	0.83	\$0	\$0	\$500	\$500	21.2
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Spray Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
X-Ray Film Processor	1	1,042,723	3.20	16.00	\$0	\$0	\$2,000	\$2,000	1.5
<b>Subtotal</b>	<b>3</b>	<b>1,060,710</b>	<b>3</b>	<b>17</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,500</b>	<b>\$2,500</b>	
<b>TOTAL</b>	<b>427</b>	<b>5,659,370</b>	<b>17</b>	<b>284</b>	<b>\$0</b>	<b>\$3,386</b>	<b>\$32,360</b>	<b>\$35,746</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# Monte Vista Water District

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2003-2004</b>									
<b>Residential Programs</b>									
City Event (ULFT)	297	3,358,188	10.31	206.12	\$0	\$574	\$17,220	\$17,794	4.7
IEUA Regional Event (ULFT)	2	22,614	0.07	1.39	\$0	\$22	\$120	\$142	3.4
IEUA Rebate Program (ULFT)	130	1,469,914	4.51	90.22	\$0	\$130	\$7,800	\$7,930	4.6
High Efficiency Clothes Washers	83	746,459	2.29	34.36	\$0	\$130	\$14,300	\$14,430	5.7
Pool Cover Rebates	23	802,854	2.46	12.30	\$0	\$1,219	\$0	\$1,219	2.4
<b>Subtotal</b>	<b>535</b>	<b>6,400,029</b>	<b>20</b>	<b>344</b>	<b>\$0</b>	<b>\$2,075</b>	<b>\$39,440</b>	<b>\$41,515</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	106	1,198,545	3.68	73.56	\$0	\$3,604	\$6,360	\$9,964	4.2
<b>Subtotal</b>	<b>106</b>	<b>1,198,545</b>	<b>4</b>	<b>74</b>	<b>\$0</b>	<b>\$3,604</b>	<b>\$6,360</b>	<b>\$9,964</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Clothes Washers	18	161,883	0.50	7.45	\$0	\$0	\$4,500	\$4,500	5.1
Water Brooms (Rebates)	24	1,199,653	3.68	18.41	\$0	\$2,400	\$2,400	\$4,800	3.1
Water Brooms (Distribution)	2	99,971	0.31	1.53	\$0	\$0	\$200	\$200	1.6
Pre-Rinse Spray Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0
<b>Subtotal</b>	<b>44</b>	<b>1,461,507</b>	<b>4</b>	<b>27</b>	<b>\$0</b>	<b>\$2,400</b>	<b>\$7,100</b>	<b>\$9,500</b>	
<b>TOTAL</b>	<b>685</b>	<b>9,060,081</b>	<b>28</b>	<b>445</b>	<b>\$0</b>	<b>\$8,079</b>	<b>\$52,900</b>	<b>\$60,979</b>	

<b>FY 2002-2003</b>									
<b>Residential Programs</b>									
City Event (ULFT)	292	3,301,653	10.13	202.65	\$0	\$740	\$22,200	\$22,940	4.7
IEUA Regional Event (ULFT)	59	667,115	2.05	40.95	\$0	\$363	\$1,980	\$2,343	5.6
IEUA Rebate Program (ULFT)	14	158,298	0.49	9.72	\$0	\$14	\$840	\$854	5.1
High Efficiency Clothes Washers	46	413,700	1.27	19.04	\$0	\$127	\$13,970	\$14,097	5.8
Pool Cover Rebates	25	1,246,986	3.83	19.15	\$0	\$1,325	\$0	\$1,325	2.4
<b>Subtotal</b>	<b>436</b>	<b>5,787,752</b>	<b>18</b>	<b>292</b>	<b>\$0</b>	<b>\$2,569</b>	<b>\$38,990</b>	<b>\$41,559</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	57	644,501	1.98	39.56	\$0	\$5,372	\$9,480	\$14,852	4.2
<b>Subtotal</b>	<b>57</b>	<b>644,501</b>	<b>2</b>	<b>40</b>	<b>\$0</b>	<b>\$5,372</b>	<b>\$9,480</b>	<b>\$14,852</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Clothes Washers	42	377,726	1.16	17.39	\$0	\$0	\$10,500	\$10,500	5.0
Water Brooms	9	449,870	1.38	6.90	\$0	\$900	\$900	\$1,800	3.1
Pre-Rinse Spray Nozzles	65	84,721	0.26	1.30	\$0	\$0	\$3,250	\$3,250	0.6
X-Ray Film Processor	4	4,170,893	12.80	64.00	\$0	\$0	\$8,000	\$8,000	1.5
Restaurant Table Tent Program	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Subtotal</b>	<b>120</b>	<b>5,083,210</b>	<b>16</b>	<b>331</b>	<b>\$0</b>	<b>\$900</b>	<b>\$22,650</b>	<b>\$23,550</b>	
<b>TOTAL</b>	<b>613</b>	<b>11,515,463</b>	<b>35</b>	<b>662</b>	<b>\$0</b>	<b>\$8,841</b>	<b>\$71,120</b>	<b>\$79,961</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$



Ontario Municipal Utilities Company  
Regional Water Use Efficiency Programs  
Summary Charts

# Ontario Municipal Utilities Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				IEUA Payback Period (years)
					Outside Funding	IEUA	MWD	Total	
<b>FY 2020-2021</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	17	136,291	0	8	\$0	\$1,020	\$680	\$1,700	2.9
High Efficiency Clothes Washers (HECW)	203	2,282,441	7	98	\$1,160	\$15,225	\$17,255	\$33,640	2.6
Rotating Nozzles for Pop-up Spray Heads (1 Apps/ 30 Nozzles)	1	43,019	0	1	\$0	\$90	\$60	\$150	0.8
Weather based Irrigation Controllers (WBIC)	43	580,167	2	18	\$0	\$3,440	\$3,440	\$6,880	2.3
Hose Bib Controller	1	13,492	0	0	\$0	\$0	\$35	\$35	0.0
Turf Replacement (18,213 sq. ft.)	11	1,092,780	3	101	\$9,102	\$18,203	\$36,406	\$63,711	6.5
Rain Barrels	2	1,238	0	0	\$0	\$0	\$70	\$70	0.0
Cisterns	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
Landscape Tune-Up Program	210	15,877,848	49	97	\$0	\$42,833	\$31,500	\$74,333	1.1
Residential Landscape Retrofit Program (21 WBIC/ 186 Nozzles)	15	550,054	2	13	\$0	\$10,459	\$2,304	\$12,763	7.5
Res. Education, Survey, and Controller Upgrade Program (157 WBIC)	138	2,118,285	6	65	\$0	\$68,329	\$21,750	\$90,079	12.7
Residential Pressure Regulation Program	21	94,446	0	3	\$0	\$12,028	\$525	\$12,553	50.0
Leak Detection Pilot Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>662</b>	<b>22,790,061</b>	<b>70</b>	<b>404</b>	<b>\$10,262</b>	<b>\$171,627</b>	<b>\$114,025</b>	<b>\$295,914</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	2	79,976	0	5	\$0	\$400	\$400	\$800	2.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	66	494,716	2	8	\$0	\$660	\$660	\$1,320	0.5
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Replacement (213,618 sq. ft.)	9	9,185,574	28	846	\$53,509	\$107,018	\$214,036	\$374,563	4.6
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	10	13,688	0	0	\$0	\$50	\$50	\$100	1.4
<b>Subtotal</b>	<b>87</b>	<b>9,773,954</b>	<b>30</b>	<b>858</b>	<b>\$53,509</b>	<b>\$108,128</b>	<b>\$215,146</b>	<b>\$376,783</b>	
<b>TOTAL</b>	<b>749</b>	<b>32,564,015</b>	<b>100</b>	<b>1,262</b>	<b>\$63,771</b>	<b>\$279,755</b>	<b>\$329,171</b>	<b>\$672,697</b>	

$$^{(1)} \text{ Payback period} = \frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Ontario Municipal Utilities Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				IEUA Payback Period (years)
					Outside Funding	IEUA	MWD	Total	
<b>FY 2019-2020</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	160	1,282,742	4	79	\$0	\$9,600	\$6,400	\$16,000	2.9
High Efficiency Clothes Washers (HECW)	63	708,344	2	30	\$1,580	\$4,725	\$5,355	\$11,660	2.6
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	36	485,721	1	15	\$0	\$2,880	\$2,880	\$5,760	2.3
Turf Replacement (18,169 sq. ft.)	11	781,267	2	24	\$6,498	\$14,269	\$36,338	\$57,105	7.2
Rain Barrels	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cisterns	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
Landscape Tune-Up Program	62	4,687,746	14	29	\$0	\$9,696	\$12,575	\$22,271	0.8
Residential Landscape Retrofit Program (13 WBIC/ 41 Nozzles)	8	234,192	1	6	\$234	\$3,627	\$3,393	\$7,254	6.1
Res. Education, Survey, and Controller Upgrade Program (88 WBIC)	78	1,187,319	4	36	\$0	\$28,097	\$23,938	\$52,035	9.3
Residential Pressure Regulation Program	14	62,964	0	2	\$0	\$3,557	\$3,694	\$7,251	22.2
Leak Detection Pilot Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>432</b>	<b>9,430,295</b>	<b>29</b>	<b>221</b>	<b>\$8,311</b>	<b>\$76,450</b>	<b>\$94,573</b>	<b>\$179,335</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	762	6,109,061	19	375	\$0	\$45,720	\$30,480	\$76,200	2.9
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	7	29,429	0.09	1	\$0	\$105	\$245	\$350	1.4
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	1,241	9,302,164	29	143	\$0	\$12,410	\$12,410	\$24,820	0.5
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Replacement (32,839 sq. ft.)	5	1,412,077	4	43	\$8,411	\$27,619	\$65,678	\$101,708	7.7
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	166	227,217	1	7	\$0	\$830	\$830	\$1,660	1.4
<b>Subtotal</b>	<b>2,181</b>	<b>17,079,948</b>	<b>52</b>	<b>569</b>	<b>\$8,411</b>	<b>\$86,684</b>	<b>\$109,643</b>	<b>\$204,738</b>	
<b>TOTAL</b>	<b>2,613</b>	<b>26,510,242</b>	<b>81</b>	<b>790</b>	<b>\$16,722</b>	<b>\$163,134</b>	<b>\$204,216</b>	<b>\$384,073</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# Ontario Municipal Utilities Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				IEUA Payback Period (years)
					Outside Funding	IEUA	MWD	Total	
<b>FY 2018-2019</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	54	432,926	1	27	\$0	\$3,240	\$2,160	\$5,400	3.1
High Efficiency Clothes Washers (HECW)	123	1,382,957	4	59	\$0	\$9,225	\$10,455	\$19,680	2.7
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	38	512,706	2	16	\$0	\$3,040	\$3,040	\$6,080	2.4
Turf Removal (7,416 Sq. Ft.)	4	318,888	1	10	\$0	\$4,890	\$8,732	\$13,622	6.3
Rain Barrels	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cisterns	1	0	0	0	\$0	\$0	\$300	\$300	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
Landscape Tune-Up Program (60 Small Sites/ 7 Large Sites)	67	976,918	3	15	\$36,265	\$0	\$0	\$36,265	0.0
Residential Landscape Retrofit Program (12 WBIC/ 108 Nozzles)	9	316,775	1	7	\$4,068	\$0	\$4,234	\$8,303	0.0
Res. Education, Survey, and Controller Upgrade Program (71 WBIC)	67	957,950	3	29	\$0	\$28,027	\$17,178	\$45,205	11.9
Residential Pressure Regulation Program	11	423,018	1	13	\$0	\$2,917	\$2,803	\$5,720	2.8
<b>Subtotal</b>	<b>374</b>	<b>5,322,137</b>	<b>8</b>	<b>176</b>	<b>\$40,333</b>	<b>\$51,339</b>	<b>\$48,902</b>	<b>\$140,575</b>	<b>22.7</b>
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	234	1,876,011	6	115	\$0	\$14,040	\$9,360	\$23,400	3.1
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	1	209,880	1	3	\$0	\$375	\$625	\$1,000	0.7
Weather Based Irrigation Controllers (WBIC)	23	96,695	0.30	3	\$0	\$345	\$805	\$1,150	1.5
Rotating Nozzles for Pop-up Spray Heads (1 App/ 231 Nozzles)	1	0	0	0	\$0	\$3	\$2	\$5	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (0 Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>259</b>	<b>2,182,585</b>	<b>7</b>	<b>121</b>	<b>\$0</b>	<b>\$14,763</b>	<b>\$10,792</b>	<b>\$25,555</b>	
<b>TOTAL</b>	<b>633</b>	<b>7,504,722</b>	<b>15</b>	<b>298</b>	<b>\$40,333</b>	<b>\$66,102</b>	<b>\$59,694</b>	<b>\$166,130</b>	

$$^{(1)} \text{ Payback period} = \frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$



# Ontario Municipal Utilities Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2017-2018</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	171	1,370,931	4	84	\$0	\$10,260	\$6,840	\$17,100	5.3
High Efficiency Clothes Washers (HECW)	133	1,495,392	5	64	\$0	\$8,645	\$11,305	\$19,950	5.6
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	21	283,337	1	9	\$0	\$1,470	\$1,680	\$3,150	4.7
Turf Removal (0 Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rain Barrels	4	2,477	0	0	\$0	\$0	\$140	\$140	23.9
Cisterns	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program (\$829.50 Total Cost)	237	339,849	1	5	\$0	\$356	\$474	\$830	1.0
Residential Landscape Retrofit Program (20 WBIC/ 119 Nozzles)	14	439,835	1	10	\$6,706	\$268	\$6,438	\$13,412	12.9
Residential Education, Survey, and Controller Upgrade Program (16 W	12	215,876	1	7	\$0	\$7,106	\$1,354	\$8,460	16.6
Residential Pressure Regulation Program	20	769,124	2	24	\$0	\$4,887	\$4,333	\$9,220	5.1
<b>Subtotal</b>	<b>612</b>	<b>4,916,821</b>	<b>15</b>	<b>203</b>	<b>\$6,706</b>	<b>\$32,992</b>	<b>\$32,564</b>	<b>\$72,262</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	293	2,349,022	7	144	\$0	\$17,580	\$11,720	\$29,300	5.3
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	9	37,837	0.12	1	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads (3 Apps/ 5,050 Nozzles)	5,050	7,241,498	22	111	\$0	\$10,100	\$10,100	\$20,200	1.2
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	1	50,189	0	2	\$0	\$1,000	\$1,000	\$2,000	16.8
Turf Removal (0 Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	1,075	1,471,439	5	45	\$0	\$10,750	\$5,375	\$16,125	4.6
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program (\$15,676.50 Total Cost)	2,880	3,754,368	12	58	\$0	\$9,917	\$5,760	\$15,677	1.8
<b>Subtotal</b>	<b>9,308</b>	<b>14,904,352</b>	<b>46</b>	<b>361</b>	<b>\$0</b>	<b>\$49,347</b>	<b>\$33,955</b>	<b>\$83,302</b>	
<b>TOTAL</b>	<b>9,920</b>	<b>19,821,173</b>	<b>61</b>	<b>563</b>	<b>\$6,706</b>	<b>\$82,338</b>	<b>\$66,519</b>	<b>\$155,563</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Ontario Municipal Utilities Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2016-2017</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	859	6,886,723	21	423	\$0	\$61,299	\$34,140	\$95,439	6.1
High Efficiency Clothes Washers (HECW)	101	1,135,599	3	49	\$0	\$1,040	\$8,500	\$9,540	3.7
Rotating Nozzles for Pop-up Spray Heads	30	43,012	0.13	0.66	\$0	\$60	\$60	\$120	1.2
Weather based Irrigation Controllers (WBIC)	15	202,384	0.62	6	\$0	\$220	\$1,400	\$1,620	3.5
Turf Removal (7,531 Sq. Ft.)	5	319,066	0.98	10	\$0	\$0	\$15,062	\$15,062	20.7
Rain Barrels	196	121,365	0.37	1.86	\$0	\$0	\$14,520	\$14,520	52.4
Cisterns	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	427	612,301	2	9	\$0	\$683	\$854	\$1,537	1.1
Residential Landscape Retrofit Program (16 WBIC/27 Nozzles)	11	254,593	0.78	7	\$4,718	\$157	\$4,561	\$9,436	16.2
Residential Education, Survey, and Controller Upgrade Program	21	283,337	0.87	9	\$0	\$10,030	\$3,065	\$13,095	20.2
Residential Pressure Regulation Program	6	145,026	0.45	4	\$0	\$1,300	\$950	\$2,250	6.8
<b>Subtotal</b>	<b>1,671</b>	<b>10,003,406</b>	<b>31</b>	<b>520</b>	<b>\$4,718</b>	<b>\$74,789</b>	<b>\$83,112</b>	<b>\$162,619</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	355	2,846,085	9	175	\$0	\$20,030	\$40,870	\$60,900	9.4
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	70	294,288	0.90	9	\$0	\$19,065	\$81,138	\$100,203	149.1
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (282,521 Sq. Ft.)	4	11,969,567	37	367	\$0	\$0	\$345,883	\$345,883	12.7
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>429</b>	<b>15,109,940</b>	<b>46</b>	<b>551</b>	<b>\$0</b>	<b>\$39,095</b>	<b>\$467,891</b>	<b>\$506,986</b>	
<b>TOTAL</b>	<b>2,100</b>	<b>25,113,346</b>	<b>77</b>	<b>1,071</b>	<b>\$4,718</b>	<b>\$113,884</b>	<b>\$551,003</b>	<b>\$669,605</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Ontario Municipal Utilities Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2015-2016</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	760	10,526,570	32	646	\$0	\$20,702	\$74,804	\$95,507	3.9
High Efficiency Clothes Washers (HECW)	146	1,641,558	5	76	\$0	\$1,430	\$12,325	\$13,755	3.6
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	16	1,694,680	5	52	\$0	\$250	\$1,260	\$1,510	0.4
Turf Removal (144,502 Sq. Ft.)	65	6,122,116	19	188	\$0	\$0	\$286,804	\$286,804	20.3
Rain Barrels	15	9,288	0.03	0.14	\$0	\$0	\$1,115	\$1,115	52.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	729	1,045,357	3	16	\$0	\$1,166	\$1,458	\$2,624	1.1
Residential Landscape Retrofit Program (127 WBIC/1,029 Nozzles)	88	14,927,067	46	435	\$37,647	\$0	\$37,647	\$75,295	2.2
Landscape Transformation Program (6,700 Sq. Ft.)	7	305,694	1	9	\$2,010	\$20,150	\$0	\$22,160	31.4
Residential Pressure Regulation Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>1,826</b>	<b>36,272,331</b>	<b>111</b>	<b>1,422</b>	<b>\$39,657</b>	<b>\$43,698</b>	<b>\$415,413</b>	<b>\$498,769</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	1,041	14,452,557	44	887	\$0	\$40,905	\$105,215	\$146,120	4.4
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	51	5,401,793	17	166	\$0	\$6,342	\$14,495	\$20,836	1.7
Rotating Nozzles for Pop-up Spray Heads	1,500	2,150,940	7	33	\$0	\$1,500	\$3,000	\$4,500	0.9
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (379,066 Sq. Ft.)	10	16,059,889	49	493	\$0	\$379,066	\$689,732	\$1,068,798	28.8
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	525	718,610	2	22	\$0	\$2,625	\$2,625	\$5,250	3.2
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	3,806	4,961,502	15	76	\$0	\$4,548	\$7,612	\$12,160	1.1
<b>Subtotal</b>	<b>6,933</b>	<b>43,745,290</b>	<b>134</b>	<b>1,677</b>	<b>\$0</b>	<b>\$434,986</b>	<b>\$822,678</b>	<b>\$1,257,664</b>	
<b>TOTAL</b>	<b>8,759</b>	<b>80,017,621</b>	<b>246</b>	<b>3,099</b>	<b>\$39,657</b>	<b>\$478,684</b>	<b>\$1,238,092</b>	<b>\$1,756,434</b>	

$$^{(1)} \text{ Payback period} = \frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Ontario Municipal Utilities Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2014-2015</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	154	2,133,016	6.55	130.90	\$0	\$7,700	\$7,700	\$15,400	3.1
High Efficiency Clothes Washers (HECW)	86	773,556	2.37	35.60	\$0	\$5,590	\$7,310	\$12,900	7.2
Rotating Nozzles for Pop-up Spray Heads	33	47,314	0.15	0.73	\$0	\$33	\$132	\$165	1.5
Weather based Irrigation Controllers (WBIC)	5	529,588	1.63	16.25	\$0	\$350	\$400	\$750	0.6
Turf Removal (5,544 Sq. Ft)	4	234,648	0.72	7.20	\$0	\$0	\$11,008	\$11,008	20.3
Rain Barrels	6	635,505	2	20	\$0	\$0	\$450	\$450	0.3
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	1,261	1,643,840	5.04	25.22	\$0	\$0	\$4,540	\$4,540	1.2
Residential Landscape Retrofit Program (20 WBIC/69 Nozzles)	14	2,281,300	7.00	67.00	\$6,638	\$0	\$6,638	\$13,277	2.5
Landscape Transformation Program (26,500 Sq. Ft)	30	482,312	1.30	15.00	\$0	\$34,991	\$53,000	\$87,991	90.0
<b>Subtotal</b>	<b>1,593</b>	<b>8,761,078</b>	<b>27</b>	<b>317</b>	<b>\$6,638</b>	<b>\$48,664</b>	<b>\$91,178</b>	<b>\$146,480</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	603	8,352,002	25.63	512.55	\$0	\$4,850	\$9,700	\$14,550	0.8
Waterless Urinals	9	359,891	1.10	22.09	\$0	\$450	\$1,800	\$2,250	2.7
Cooling Tower Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	14	1,482,845	4.55	45.50	\$0	\$1,398	\$5,386	\$6,784	2.0
Rotating Nozzles for Pop-up Spray Heads	608	792,589	2.43	12.16	\$0	\$608	\$928	\$1,536	0.8
Large Rotary Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Turf Removal (110,540 Sq. Ft.)	14	4,683,248	14.37	143.70	\$0	\$86,447	\$225,494	\$311,941	28.9
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	3,831	4,994,092	15.32	76.62	\$0	\$0	\$12,451	\$12,451	1.1
<b>Subtotal</b>	<b>5,079</b>	<b>20,664,667</b>	<b>63</b>	<b>813</b>	<b>\$0</b>	<b>\$93,753</b>	<b>\$255,759</b>	<b>\$349,512</b>	
<b>TOTAL</b>	<b>6,672</b>	<b>29,425,745</b>	<b>90</b>	<b>1,130</b>	<b>\$6,638</b>	<b>\$142,417</b>	<b>\$346,937</b>	<b>\$495,992</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Ontario Municipal Utilities Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2013-2014</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	49	678,585	2.08	41.65	\$0	\$2,450	\$2,450	\$4,900	3.1
High Efficiency Clothes Washers (HECW)	140	1,259,088	3.86	57.96	\$0	\$9,100	\$11,900	\$21,000	7.2
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	2	211,803	0.65	6.50	\$0	\$140	\$160	\$300	0.6
Rain Barrels	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	1,014	1,321,652	4.06	20.28	\$0	\$0	\$3,296	\$3,296	1.1
Residential Landscape Retrofit Program (53 WBIC/445 Nozzles)	31	755,974	2.32	179.00	\$15,080	\$0	\$15,080	\$30,161	17.3
Landscape Transformation Program (10,571 Sq. Ft)	11	482,240	1.48	14.80	\$0	\$17,122	\$14,571	\$0	0.0
<b>Subtotal</b>	<b>1,247</b>	<b>4,709,342</b>	<b>14</b>	<b>320</b>	<b>\$15,080</b>	<b>\$28,812</b>	<b>\$47,457</b>	<b>\$59,656</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	97	1,343,321	4.12	82.45	\$0	\$4,850	\$9,700	\$14,550	4.7
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	8	847,213	2.60	26.00	\$0	\$1,398	\$5,386	\$6,784	3.5
Rotating Nozzles for Pop-up Spray Heads	232	302,390	0.93	4.64	\$0	\$232	\$928	\$1,160	1.7
Large Rotary Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Turf Removal	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	1,660	2,163,651	6.64	33.20	\$0	\$0	\$5,395	\$5,395	1.1
<b>Subtotal</b>	<b>1,997</b>	<b>4,656,574</b>	<b>14</b>	<b>146</b>	<b>\$0</b>	<b>\$6,480</b>	<b>\$21,409</b>	<b>\$27,889</b>	
<b>TOTAL</b>	<b>3,244</b>	<b>9,365,916</b>	<b>29</b>	<b>466</b>	<b>\$15,080</b>	<b>\$35,292</b>	<b>\$68,866</b>	<b>\$87,545</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# Ontario Municipal Utilities Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2012-2013</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers (HECW)	96	863,375	2.65	39.74	\$0	\$6,240	\$8,160	\$14,400	7.5
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	2	211,803	0.65	6.50	\$0	\$140	\$160	\$300	0.6
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	1,508	1,965,533	6.03	30.16	\$0	\$0	\$4,901	\$4,901	1.1
Residential Landscape Retrofit Program	27	4,236,063	13.00	115.00	\$9,451	\$1,539	\$10,990	\$21,980	2.3
Landscape Transformation Program	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>1,633</b>	<b>7,276,774</b>	<b>22</b>	<b>191</b>	<b>\$9,451</b>	<b>\$7,919</b>	<b>\$24,211</b>	<b>\$41,581</b>	
<b>IEUA High Efficiency Toilet (HET) Installation Prog.</b>									
IEUA Multi-Family Direct Install Prog. (HET)	34	470,855	1.45	28.90	\$2,494	\$1,212	\$1,700	\$5,406	5.1
IEUA Single-Family Direct Install Prog. (HET)	226	3,129,799	9.61	192.10	\$16,575	\$8,059	\$11,300	\$35,934	5.1
<b>Subtotal</b>	<b>260</b>	<b>3,600,654</b>	<b>11</b>	<b>221</b>	<b>\$19,068</b>	<b>\$9,272</b>	<b>\$13,000</b>	<b>\$41,340</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	4	159,928	0.49	2.45	\$0	\$4,000	\$7,000	\$11,000	30.8
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	2	211,803	0.65	6.50	\$0	\$1,080	\$1,800	\$2,880	6.1
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	1,307	1,703,549	5.23	26.14	\$0	\$1,307	\$3,921	\$5,228	1.4
Large Rotary Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	46	344,750	1.06	5.29	\$0	\$460	\$460	\$920	1.2
Air-Cooled Ice Machine	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
Fontana Unified School Retrofit Program	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
FreeSprinklerNozzles.com Program	6,700	8,732,807	26.80	134.00	\$0	\$0	\$21,775	\$21,775	1.1
<b>Subtotal</b>	<b>8,059</b>	<b>11,152,837</b>	<b>34</b>	<b>174</b>	<b>\$0</b>	<b>\$6,847</b>	<b>\$34,956</b>	<b>\$41,803</b>	
<b>TOTAL</b>	<b>9,952</b>	<b>22,030,265</b>	<b>68</b>	<b>587</b>	<b>\$28,519</b>	<b>\$24,038</b>	<b>\$72,167</b>	<b>\$124,724</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$



# Ontario Municipal Utilities Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2011-2012</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Clothes Washers (HECW)	124	1,115,192	3.42	51.34	\$0	\$0	\$10,540	\$10,540	4.5
Rotating Nozzles for Pop-up Spray Heads	98	127,734	0.39	1.96	\$0	\$196	\$294	\$490	1.8
Weather based Irrigation Controllers (WBIC)	9	953,114	2.93	29.25	\$0	\$405	\$720	\$1,125	0.6
FreeSprinklerNozzles.com Program	4,178	5,446,441	16.71	83.56	\$0	\$0	\$12,534	\$12,534	1.1
Residential Landscape Retrofit Program	7	1,629,500	5.00	45.00	\$0	\$5,106	\$3,852	\$8,959	2.6
<b>Subtotal</b>	<b>4,416</b>	<b>9,271,981</b>	<b>28</b>	<b>211</b>	<b>\$0</b>	<b>\$5,707</b>	<b>\$27,940</b>	<b>\$33,648</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	64	886,315	2.72	54.40	\$4,693.76	\$2,282.24	\$3,200.00	\$10,176.00	5.5
IEUA Single-Family Direct Install Prog. (HET)	370	5,124,007	15.73	314.50	\$27,135.80	\$13,194.20	\$18,500.00	\$58,830.00	5.5
<b>Subtotal</b>	<b>434</b>	<b>6,010,322</b>	<b>18</b>	<b>369</b>	<b>\$31,830</b>	<b>\$15,476</b>	<b>\$21,700</b>	<b>\$69,006</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Toilets (HET)	4	55,395	0.17	3.40	0	140	200	340	2.9
Waterless Urinals	42	1,679,241	5.15	103.07	0	2,100	8,400	10,500	3.0
PH Conductivity Controller	1	209,848	0.64	3.22	0	500	1,750	2,250	5.1
High Efficiency Clothes Washers	0	0	0.00	0.00	0	0	0	0	0.0
Weather based Irrigation Controllers (WBIC)	5	529,508	1.63	16.25	0	1,625	529	2,154	1.9
Rotating Nozzles for Pop-up Spray Heads	750	977,553	3.00	15.00	0	750	2,250	3,000	1.5
Large Rotary Nozzles	0	0	0.00	0.00	0	0	0	0	0.0
FreeSprinklerNozzles.com Program	2,000	2,606,808	8.00	80.00	0	0	26,000	26,000	4.8
Central Computerized Irrigation Controller	0	0	0.00	0.00	0	0	0	0	0.0
<b>Subtotal</b>	<b>2,802</b>	<b>6,058,352</b>	<b>19</b>	<b>221</b>	<b>\$0</b>	<b>\$5,115</b>	<b>\$39,129</b>	<b>\$44,244</b>	
<b>TOTAL</b>	<b>7,652</b>	<b>21,340,655</b>	<b>65</b>	<b>801</b>	<b>\$31,830</b>	<b>\$26,299</b>	<b>\$88,769</b>	<b>\$146,898</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Ontario Municipal Utilities Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2010-2011</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Toilets (HET)	10	138,487	0.43	8.50	\$0	\$350	\$500	\$850	4.0
High Efficiency Clothes Washers (HECW)	231	2,077,496	6.38	95.63	\$0	\$0	\$19,635	\$19,635	6.2
Rotating Nozzles for Pop-up Spray Heads	32	41,709	0.13	0.64	\$0	\$64	\$96	\$160	0.0
Weather based Irrigation Controllers (WBIC)	1	105,902	0.33	3.25	\$0	\$45	\$80	\$125	0.0
Synthetic Turf (1,176 Sq. Ft.)	1	53,648	0.16	1.65	\$0	\$529	\$353	\$882	10.7
FreeSprinklerNozzles.com Program	83	108,199	0.33	1.66	\$0	\$0	\$6,225	\$6,225	37.6
Residential Landscape Retrofit Program	52	8,799,300	27.00	255.00	\$0	\$21,414	\$17,709	\$39,123	2.9
<b>Subtotal</b>	<b>410</b>	<b>11,324,740</b>	<b>35</b>	<b>366</b>	<b>\$0</b>	<b>\$22,402</b>	<b>\$44,598</b>	<b>\$67,000</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	1,009	13,973,306	42.88	857.65	\$74,000	\$35,981	\$50,450	\$160,431	7.5
<b>Subtotal</b>	<b>1,009</b>	<b>13,973,306</b>	<b>43</b>	<b>858</b>	<b>\$74,000</b>	<b>\$35,981</b>	<b>\$50,450</b>	<b>\$160,431</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	18	719,675	2.21	44.17	\$0	\$900	\$3,600	\$4,500	4.1
PH Conductivity Controller	1	209,848	0.64	3.22	\$0	\$500	\$1,750	\$2,250	0.0
Weather based Irrigation Controllers (WBIC)	2	211,803	0.65	6.50	\$0	\$960	\$1,600	\$2,560	7.9
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	71	92,542	0.28	1.42	\$0	\$71	\$213	\$284	2.0
Large Rotary Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>92</b>	<b>1,233,867</b>	<b>4</b>	<b>55</b>	<b>\$0</b>	<b>\$2,431</b>	<b>\$7,163</b>	<b>\$9,594</b>	
<b>TOTAL</b>	<b>1,511</b>	<b>26,531,913</b>	<b>81</b>	<b>1,279</b>	<b>\$74,000</b>	<b>\$60,814</b>	<b>\$102,211</b>	<b>\$237,025</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Ontario Municipal Utilities Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2009-2010</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Toilets (HET)	36	498,552	1.53	30.60	\$0	\$1,260	\$1,800	\$3,060	4.0
High Efficiency Clothes Washers (HECW)	47	422,694	1.30	19.46	\$0	\$2,350	\$5,170	\$7,520	11.6
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Wise Landscape (Turf BuyBack) (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Synthetic Turf (2,720 Sq. Ft.)	5	124,084	0.38	3.81	\$0	\$1,224	\$816	\$2,040	10.7
<b>Subtotal</b>	<b>88</b>	<b>1,045,330</b>	<b>3</b>	<b>54</b>	<b>\$0</b>	<b>\$4,834</b>	<b>\$7,786</b>	<b>\$12,620</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	55	761,677	2.34	46.75	\$4,034	\$1,961	\$9,075	\$15,070	12.9
<b>Subtotal</b>	<b>55</b>	<b>761,677</b>	<b>2</b>	<b>47</b>	<b>\$4,034</b>	<b>\$1,961</b>	<b>\$9,075</b>	<b>\$15,070</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Tank	6	74,099	0.23	4.55	\$0	\$0	\$360	\$360	3.2
High Efficiency Toilets (HET)	2	27,697	0.09	1.70	\$0	\$270	\$330	\$600	14.2
Waterless Urinals	63	2,518,861	7.73	154.60	\$0	\$0	\$25,200	\$25,200	6.5
High Efficiency Clothes Washers	3	105,087	0.32	3.23	\$0	\$300	\$240	\$540	3.4
Water Brooms	1	49,986	0.15	0.77	\$0	\$0	\$150	\$150	2.0
Weather based Irrigation Controllers (WBIC)	16	1,694,425	5.20	52.00	\$0	\$6,120	\$10,200	\$16,320	6.3
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	1,377	1,794,787	5.51	27.54	\$0	\$0	\$5,508	\$5,508	2.0
Pre-Rinse Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>1,468</b>	<b>6,264,942</b>	<b>19</b>	<b>244</b>	<b>\$0</b>	<b>\$6,690</b>	<b>\$41,988</b>	<b>\$48,678</b>	
<b>TOTAL</b>	<b>1,611</b>	<b>8,071,948</b>	<b>25</b>	<b>345</b>	<b>\$4,034</b>	<b>\$13,485</b>	<b>\$58,849</b>	<b>\$76,368</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Ontario Municipal Utilities Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2008-2009</b>									
<b>Residential Rebate Programs</b>									
Ultra Low Flush Toilets (ULFT)	1	12,350	0.04	0.76	\$0	\$0	\$60	\$60	3.2
High Efficiency Toilets (HET)	136	1,883,419	5.78	115.60	\$0	\$0	\$22,440	\$22,440	7.8
High Efficiency Clothes Washers (HECW)	140	1,259,088	3.86	57.96	\$0	\$0	\$15,400	\$15,400	8.0
Rotating Nozzles for Pop-up Spray Heads	54	70,384	0.22	1.08	\$0	\$0	\$216	\$216	2.0
Weather Based Irrigation Controllers (WBIC)	1	105,902	0.33	3.25	\$0	\$0	\$80	\$80	0.5
Water Wise Landscape (Turf BuyBack) (14,991 Sq. Ft.)	11	683,877	2.10	20.99	\$0	\$20,580	\$0	\$20,580	19.7
Synthetic Turf (13,174 Sq. Ft.)	15	600,987	1.84	18.44	\$0	\$3,952	\$3,952	\$7,904	8.6
<b>Subtotal</b>	<b>358</b>	<b>4,616,005</b>	<b>14</b>	<b>218</b>	<b>\$0</b>	<b>\$24,532</b>	<b>\$42,148</b>	<b>\$66,680</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	757	10,483,441	32.17	643.45	\$55,518	\$26,995	\$124,905	\$207,418	12.9
<b>Subtotal</b>	<b>757</b>	<b>10,483,441</b>	<b>32</b>	<b>643</b>	<b>\$55,518</b>	<b>\$26,995</b>	<b>\$124,905</b>	<b>\$207,418</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
ULFT Tank	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	266	3,683,746	11.31	226.10	\$0	\$35,910	\$43,890	\$79,800	14.2
Waterless Urinals	67	2,678,788	8.22	164.42	\$0	\$0	\$26,800	\$26,800	6.5
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	2	17,987	0.06	0.55	\$0	\$200	\$160	\$360	13.1
Water Brooms	1	49,986	0.15	0.77	\$0	\$0	\$150	\$150	2.0
Weather Based Irrigation Controllers (WBIC)	39	4,130,161	12.68	126.75	\$0	\$0	\$26,091	\$26,091	4.1
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	43	56,046	0.17	0.86	\$0	\$0	\$172	\$172	2.0
Large Rotary Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Nozzles	3	149,566	0.46	2.30	\$0	\$0	\$180	\$180	0.8
<b>Subtotal</b>	<b>421</b>	<b>10,766,280</b>	<b>33</b>	<b>522</b>	<b>\$0</b>	<b>\$36,110</b>	<b>\$97,443</b>	<b>\$133,553</b>	
<b>MWD Public Sector Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	29	1,449,581	4.45	22.24	\$0	\$0	\$9,425	\$9,425	4.3
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Central Computer Irrigation Controllers (CCIC)	86	27,799,001	85.31	853.12	\$0	\$0	\$428,280	\$428,280	10.1
Synthetic Turf (163,285 Sq. Ft.)	1	7,448,921	22.86	228.60	\$0	\$0	\$122,464	\$122,464	10.7
<b>Subtotal</b>	<b>116</b>	<b>36,697,503</b>	<b>113</b>	<b>1,104</b>	<b>\$0</b>	<b>\$0</b>	<b>\$560,169</b>	<b>\$560,169</b>	
<b>TOTAL</b>	<b>1,652</b>	<b>62,563,229</b>	<b>192</b>	<b>2,487</b>	<b>\$55,518</b>	<b>\$87,637</b>	<b>\$824,665</b>	<b>\$967,820</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Ontario Municipal Utilities Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2007-2008</b>									
<b>Residential Rebate Programs</b>									
Ultra Low Flush Toilets (ULFT)	6	74,099	0.23	4.55	\$0	\$0	\$360	\$360	3.7
High Efficiency Toilets (HET)	9	124,638	0.38	7.65	\$0	\$0	\$1,485	\$1,485	9.1
High Efficiency Clothes Washers (HECW)	168	1,510,906	4.64	69.55	\$0	\$0	\$18,480	\$18,480	9.3
Rotating Nozzles for Pop-up Spray Heads	110	143,374	0.44	2.20	\$0	\$0	\$440	\$440	2.3
Weather Based Irrigation Controllers (WBIC)	1	105,902	0.33	3.25	\$0	\$160	\$80	\$240	1.7
Water Wise Landscape (Turf BuyBack) (2,682 Sq. Ft.)	3	122,351	0.38	3.75	\$0	\$5,364	\$0	\$5,364	33.5
Synthetic Turf (4,977 Sq. Ft.)	5	227,046	0.70	6.97	\$0	\$1,493	\$1,313	\$2,806	9.4
<b>Subtotal</b>	<b>302</b>	<b>2,308,315</b>	<b>7</b>	<b>98</b>	<b>\$0</b>	<b>\$7,017</b>	<b>\$22,158</b>	<b>\$29,175</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
IEUA Multi-Family Direct Install Prog. (HET/ULFT)	708	8,743,625	26.83	536.66	\$51,925	\$25,247	\$42,480	\$119,652	10.4
<b>Subtotal</b>	<b>708</b>	<b>8,743,625</b>	<b>27</b>	<b>537</b>	<b>\$51,925</b>	<b>\$25,247</b>	<b>\$42,480</b>	<b>\$119,652</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
ULFT Tank	8	98,798	0.30	6.06	\$0	\$0	\$1,080	\$1,080	8.3
High Efficiency Toilets (HET)	1,140	15,787,481	48.45	969.00	\$0	\$153,900	\$188,100	\$342,000	16.5
Waterless Urinals	262	2,356,294	7.23	108.47	\$0	\$0	\$104,800	\$104,800	33.9
Conductivity Controller	9	1,888,632	5.80	28.98	\$0	\$1,575	\$5,625	\$7,200	2.9
High Efficiency Clothes Washers	5	44,967	0.14	2.07	\$0	\$1,450	\$650	\$2,100	35.6
Water Brooms	1	49,986	0.15	0.77	\$0	\$0	\$150	\$150	2.3
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>1,425</b>	<b>20,226,158</b>	<b>62</b>	<b>1115</b>	<b>\$0</b>	<b>\$156,925</b>	<b>\$300,405</b>	<b>\$457,330</b>	
<b>MWD Public Sector Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	5	199,910	0.61	12.27	\$0	\$0	\$6,125	\$6,125	23.4
Water Brooms	7	349,899	1.07	5.37	\$0	\$0	\$2,660	\$2,660	5.8
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Central Computer Irrigation Controllers (CCIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>12</b>	<b>549,808</b>	<b>2</b>	<b>18</b>	<b>\$0</b>	<b>\$0</b>	<b>\$8,785</b>	<b>\$8,785</b>	
<b>TOTAL</b>	<b>2,447</b>	<b>31,827,907</b>	<b>98</b>	<b>1,768</b>	<b>\$51,925</b>	<b>\$189,189</b>	<b>\$373,828</b>	<b>\$614,942</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Ontario Municipal Utilities Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2006-2007</b>									
<b>Residential Rebate Programs</b>									
Ultra Low Flush Toilets (ULFT)	16	180,912	0.56	11.10	\$0	\$0	\$960	\$960	4.0
High Efficiency Toilets (HET)	3	41,546	0.13	2.55	\$0	\$0	\$795	\$795	14.6
High Efficiency Clothes Washers (HECW)	177	4,879,358	14.97	224.61	\$0	\$0	\$19,470	\$19,470	3.0
Rotating Sprinkler Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC) - Rebate	9	1,906,228	5.85	58.50	\$0	\$1,440	\$720	\$2,160	0.9
Weather Based Irrigation Controllers (WBIC) - Distribution	10	2,118,032	6.50	65.00	\$0	\$0	\$2,400	\$2,400	0.9
<b>Subtotal</b>	<b>215</b>	<b>9,126,076</b>	<b>28</b>	<b>362</b>	<b>\$0</b>	<b>\$1,440</b>	<b>\$24,345</b>	<b>\$25,785</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Toilet Program (HET/ULFT)	950	10,741,678	32.97	659.30	\$69,673	\$33,877	\$57,000	\$160,550	11.4
<b>Subtotal</b>	<b>950</b>	<b>10,741,678</b>	<b>33</b>	<b>659</b>	<b>\$69,673</b>	<b>\$33,877</b>	<b>\$57,000</b>	<b>\$160,550</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
ULFT Tank	260	2,939,828	9.02	180.44	\$0	\$3,900	\$35,100	\$39,000	10.1
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Zero Water Urinal	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Conductivity Controller	2	419,696	1.29	6.44	\$0	\$0	\$1,250	\$1,250	2.3
High Efficiency Clothes Washers (HECW)	41	1,130,247	3.47	52.03	\$0	\$2,870	\$5,330	\$8,200	5.5
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC) - Rebate	14	2,965,244	9.10	91.00	\$0	\$0	\$8,820	\$8,820	2.3
<b>Subtotal</b>	<b>317</b>	<b>7,455,015</b>	<b>23</b>	<b>330</b>	<b>\$0</b>	<b>\$6,770</b>	<b>\$50,500</b>	<b>\$57,270</b>	
<b>TOTAL</b>	<b>1,482</b>	<b>27,322,769</b>	<b>84</b>	<b>1,351</b>	<b>\$69,673</b>	<b>\$42,087</b>	<b>\$131,845</b>	<b>\$243,605</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$



# Ontario Municipal Utilities Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2005-2006</b>									
<b>Residential Programs</b>									
City Event (ULFT)	392	4,432,356	13.60	272.05	\$0	\$2,548	\$23,520	\$26,068	4.5
IEUA Regional Event (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Rebate Program (ULFT)	53	599,273	1.84	36.78	\$0	\$53	\$0	\$53	0.1
High Efficiency Clothes Washers	181	1,627,821	5.00	74.93	\$0	\$181	\$19,910	\$20,091	9.4
<b>Subtotal</b>	<b>626</b>	<b>6,659,449</b>	<b>20</b>	<b>384</b>	<b>\$0</b>	<b>\$2,782</b>	<b>\$43,430</b>	<b>\$46,212</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	2,132	24,106,587	73.98	1479.61	\$0	\$223,860	\$127,920	\$351,780	11.1
<b>Subtotal</b>	<b>2,132</b>	<b>24,106,587</b>	<b>74</b>	<b>1480</b>	<b>\$0</b>	<b>\$223,860</b>	<b>\$127,920</b>	<b>\$351,780</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT's (Tank)	672	7,598,324	23.32	466.37	\$0	\$672	\$40,320	\$40,992	4.1
Conductivity Controller (MWD CII)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	52	467,661	1.44	21.53	\$0	\$0	\$13,000	\$13,000	21.2
Water Brooms	2	99,971	0.31	1.53	\$0	\$0	\$200	\$200	1.5
Pre-Rinse Spray Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC) - Rebate	13	2,753,441	8.45	84.50	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>739</b>	<b>10,919,397</b>	<b>34</b>	<b>574</b>	<b>\$0</b>	<b>\$672</b>	<b>\$53,520</b>	<b>\$54,192</b>	
<b>TOTAL</b>	<b>3,497</b>	<b>41,685,434</b>	<b>128</b>	<b>2,437</b>	<b>\$0</b>	<b>\$227,314</b>	<b>\$224,870</b>	<b>\$452,184</b>	

<b>FY 2004-2005</b>									
<b>Residential Programs</b>									
City Event (ULFT)	214	2,419,704	7.43	148.52	\$0	\$1,391	\$12,840	\$14,231	4.5
IEUA Regional Event (ULFT)	11	124,377	0.38	7.63	\$0	\$121	\$660	\$781	4.8
IEUA Rebate Program (ULFT)	107	1,209,852	3.71	74.26	\$0	\$107	\$6,420	\$6,527	4.1
High Efficiency Clothes Washers	250	2,248,372	6.90	103.50	\$0	\$250	\$27,500	\$27,750	9.4
Pool Cover Rebates	7	119,574	0.37	1.83	\$0	\$371	\$0	\$371	2.4
<b>Subtotal</b>	<b>589</b>	<b>6,121,880</b>	<b>19</b>	<b>336</b>	<b>\$0</b>	<b>\$2,240</b>	<b>\$47,420</b>	<b>\$49,660</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	1,066	12,053,294	36.99	739.80	\$0	\$111,930	\$63,960	\$175,890	11.1
<b>Subtotal</b>	<b>1,066</b>	<b>12,053,294</b>	<b>37</b>	<b>740</b>	<b>\$0</b>	<b>\$111,930</b>	<b>\$63,960</b>	<b>\$175,890</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT (Tank)	5	56,535	0.17	3.47	\$0	\$0	\$0	\$0	0.0
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	1	8,993	0.03	0.41	\$0	\$0	\$250	\$250	21.2
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Spray Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
X-Ray Film Processor	3	3,128,170	9.60	148.00	\$0	\$0	\$6,000	\$6,000	1.5
<b>Subtotal</b>	<b>9</b>	<b>3,193,698</b>	<b>10</b>	<b>152</b>	<b>\$0</b>	<b>\$0</b>	<b>\$6,250</b>	<b>\$6,250</b>	
<b>TOTAL</b>	<b>1,664</b>	<b>21,368,872</b>	<b>66</b>	<b>1228</b>	<b>0</b>	<b>\$114,170</b>	<b>\$117,630</b>	<b>\$231,800</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# Ontario Municipal Utilities Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2003-2004</b>									
<b>Residential Programs</b>									
City Event (ULFT)	405	4,579,347	14.05	281.07	\$0	\$810	\$24,300	\$25,110	4.7
IEUA Regional Event (ULFT)	22	248,755	0.76	15.27	\$0	\$242	\$1,320	\$1,562	5.3
IEUA Rebate Program (ULFT)	201	2,272,713	6.97	139.49	\$0	\$201	\$12,060	\$12,261	4.6
High Efficiency Clothes Washers	226	2,032,528	6.24	93.56	\$0	\$226	\$24,860	\$25,086	5.7
Pool Cover Rebates	28	802,854	2.46	12.30	\$0	\$1,484	\$0	\$1,484	2.4
<b>Subtotal</b>	<b>882</b>	<b>9,936,197</b>	<b>30</b>	<b>542</b>	<b>\$0</b>	<b>\$2,963</b>	<b>\$62,540</b>	<b>\$65,503</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	512	5,789,199	17.77	355.33	\$0	\$17,408	\$30,720	\$48,128	4.2
<b>Subtotal</b>	<b>512</b>	<b>5,789,199</b>	<b>18</b>	<b>355</b>	<b>\$0</b>	<b>\$17,408</b>	<b>\$30,720</b>	<b>\$48,128</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Clothes Washers	51	458,668	1.41	21.11	\$0	\$0	\$12,750	\$12,750	5.0
Water Brooms (Rebate)	7	349,899	1.07	5.37	\$0	\$0	\$700	\$700	1.5
Water Brooms (Distribution)	82	4,098,815	12.58	62.89	\$0	\$8,200	\$8,200	\$16,400	3.1
Pre-Rinse Spray Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>140</b>	<b>4,907,381</b>	<b>15</b>	<b>89</b>	<b>\$0</b>	<b>\$8,200</b>	<b>\$21,650</b>	<b>\$29,850</b>	
<b>TOTAL</b>	<b>1,534</b>	<b>20,632,777</b>	<b>63</b>	<b>986</b>	<b>\$0</b>	<b>\$28,571</b>	<b>\$114,910</b>	<b>\$143,481</b>	

<b>FY 2002-2003</b>									
<b>Residential Programs</b>									
City Event (ULFT)	537	6,071,875	18.63	372.68	\$0	\$1,074	\$32,220	\$33,294	4.7
IEUA Regional Event (ULFT)	174	1,967,423	6.04	120.76	\$0	\$1,914	\$10,440	\$12,354	5.3
IEUA Rebate Program (ULFT)	18	203,527	0.62	12.49	\$0	\$18	\$1,080	\$1,098	4.3
High Efficiency Clothes Washers	189	1,699,769	5.22	78.25	\$0	\$189	\$20,790	\$20,979	5.7
Pool Cover Rebates	29	1,246,986	3.83	19.15	\$0	\$1,537	\$0	\$1,537	2.4
<b>Subtotal</b>	<b>947</b>	<b>11,189,580</b>	<b>34</b>	<b>603</b>	<b>\$0</b>	<b>\$4,732</b>	<b>\$64,530</b>	<b>\$69,262</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	339	3,833,083	11.76	235.27	\$0	\$11,526	\$20,340	\$31,866	4.2
<b>Subtotal</b>	<b>339</b>	<b>3,833,083</b>	<b>12</b>	<b>235</b>	<b>\$0</b>	<b>\$11,526</b>	<b>\$20,340</b>	<b>\$31,866</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Clothes Washers	18	161,883	0.50	7.45	\$0	\$0	\$4,500	\$4,500	5.1
Water Brooms	10	499,855	1.53	7.67	\$0	\$1,000	\$1,000	\$2,000	3.1
Pre-Rinse Spray Nozzles	141	183,780	0.56	2.82	\$0	\$0	\$7,050	\$7,050	1.5
X-Ray Film Processor (MWD CII)	2	2,085,446	6.40	32.00	\$0	\$0	\$4,000	\$4,000	1.6
Restaurant Table Tent Program	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Subtotal</b>	<b>171</b>	<b>2,930,965</b>	<b>9</b>	<b>50</b>	<b>\$0</b>	<b>\$1,000</b>	<b>\$16,550</b>	<b>\$17,550</b>	
<b>TOTAL</b>	<b>1,457</b>	<b>17,953,627</b>	<b>55</b>	<b>944</b>	<b>\$0</b>	<b>\$17,258</b>	<b>\$101,420</b>	<b>\$118,678</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$



San Antonio Water Company  
Regional Water Use Efficiency Programs  
Summary Charts

# San Antonio Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				IEUA Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2020-2021</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers (HECW)	2	22,487	0	1	\$0	\$150	\$170	\$320	2.6
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	6	80,954	0	2	\$0	\$480	\$480	\$960	2.3
Hose Bib Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Replacement (0 Apps)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rain Barrels	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cisterns	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
Landscape Tune-Up Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Residential Landscape Retrofit Program (0 WBIC/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Res. Education, Survey, and Controller Upgrade Program (0 WBIC)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Residential Pressure Regulation Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Leak Detection Pilot Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>8</b>	<b>103,441</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>630</b>	<b>650</b>	<b>1,280</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads (0 App/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Replacement (0 Apps)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Contro	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>TOTAL</b>	<b>8</b>	<b>103,441</b>	<b>0</b>	<b>3</b>	<b>\$0</b>	<b>\$630</b>	<b>\$650</b>	<b>\$1,280</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# San Antonio Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				IEUA Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2019-2020</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	2	16,034	0	1	\$0	\$120	\$80	\$200	2.9
High Efficiency Clothes Washers (HECW)	2	22,487	0	1	\$0	\$150	\$170	\$320	2.6
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	4	53,969	0	2	\$0	\$320	\$320	\$640	2.3
Turf Replacement (0 Apps)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rain Barrels	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cisterns	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
Landscape Tune-Up Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Residential Landscape Retrofit Program (0 WBIC/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Res. Education, Survey, and Controller Upgrade Program (0 WBIC)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Residential Pressure Regulation Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Leak Detection Pilot Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>8</b>	<b>92,490</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>590</b>	<b>570</b>	<b>1,160</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads (0 App/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Replacement (0 Apps)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>TOTAL</b>	<b>8</b>	<b>92,490</b>	<b>0</b>	<b>4</b>	<b>\$0</b>	<b>\$590</b>	<b>\$570</b>	<b>\$1,160</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# San Antonio Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				IEUA Payback Period (years)
					Outside Funding	IEUA	MWD	Total	
<b>FY 2018-2019</b>									
<b>SoCal WaterSmart Residential Rebates</b>									
High Efficiency Toilets (HET)	2	16,034	0.0	1	\$0	\$120	\$80	\$200	3.1
High Efficiency Clothes Washers (HECW)	4	44,974	0.1	2	\$0	\$300	\$340	\$640	2.7
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	11	148,415	0.5	5	\$0	\$880	\$880	\$1,760	2.4
Turf Removal (0 Sq. Ft.)	0	0	0.0	0	\$0	\$0	\$0	\$0	0.0
Rain Barrels	0	0	0.0	0	\$0	\$0	\$0	\$0	0.0
Cisterns	0	0	0.0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0.0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
Landscape Tune-Up Program (0 Small Sites/ 0 Large Sites)	0	N/A	N/A	N/A	\$0	\$0	\$0	\$0	0.0
Residential Landscape Retrofit Program (0 WBIC/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Res. Education, Survey, and Controller Upgrade Program (0 WBIC)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Residential Pressure Regulation Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>17</b>	<b>209,423</b>	<b>1</b>	<b>7</b>	<b>\$0</b>	<b>\$1,300</b>	<b>\$1,300</b>	<b>\$2,600</b>	<b>5.4</b>
<b>SoCal WaterSmart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (0 Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$3,608</b>	<b>\$0</b>	<b>\$3,608</b>	
<b>TOTAL</b>	<b>17</b>	<b>209,423</b>	<b>1</b>	<b>7</b>	<b>\$0</b>	<b>\$4,908</b>	<b>\$1,300</b>	<b>\$6,208</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$



# San Antonio Water Company

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Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2017-2018</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	0	0	0.00	0	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers (HECW)	4	44,974	0.14	2	\$0	\$260	\$340	\$600	5.6
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	2	26,985	0	1	\$0	\$140	\$160	\$300	4.7
Turf Removal (0 Sq. Ft.)	0	0	0.00	0	\$0	\$0	\$0	\$0	0.0
Rain Barrels	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cisterns	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program (\$0 Total Cost)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Residential Landscape Retrofit Program (4 WBIC/ 135 Nozzles)	1	247,554	0.76	6	\$479	\$19	\$460	\$958	1.6
Residential Education, Survey, and Controller Upgrade Program (0 WBIC)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Residential Pressure Regulation Program	0	0	0.00	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>7</b>	<b>319,512</b>	<b>1</b>	<b>8</b>	<b>\$479</b>	<b>\$419</b>	<b>\$960</b>	<b>\$1,858</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (0 Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program (\$0 Total Cost)	0	0	0	0	\$0	\$0	\$0	\$0	\$0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>TOTAL</b>	<b>7</b>	<b>319,512</b>	<b>1</b>	<b>8</b>	<b>\$479</b>	<b>\$419</b>	<b>\$960</b>	<b>\$1,858</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# San Antonio Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2016-2017</b>									
<b>SoCal WaterSmart Residential Rebates</b>									
High Efficiency Toilets (HET)	2	16,034	0.05	1	\$0	\$220	\$80	\$300	8.2
High Efficiency Clothes Washers (HECW)	5	56,218	0.17	2	\$0	\$130	\$425	\$555	4.3
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	1	13,492	0	0	\$0	\$0	\$80	\$80	2.6
Turf Removal (4,100 Sq. Ft.)	2	173,705	0.53	5	\$0	\$0	\$8,200	\$8,200	20.7
Rain Barrels	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cisterns	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Residential Landscape Retrofit Program (2 WBIC/0 Nozzles)	1	26,985	0.08	1	\$510	\$0	\$510	\$1,021	16.6
Residential Education, Survey, and Controller Upgrade Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Residential Pressure Regulation Program	3	46,930	0.14	1	\$0	\$384	\$281	\$665	6.2
<b>Subtotal</b>	<b>14</b>	<b>333,363</b>	<b>1</b>	<b>11</b>	<b>\$510</b>	<b>\$734</b>	<b>\$9,576</b>	<b>\$10,821</b>	
<b>SoCal WaterSmart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (0 Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>TOTAL</b>	<b>14</b>	<b>333,363</b>	<b>1</b>	<b>11</b>	<b>\$510</b>	<b>\$734</b>	<b>\$9,576</b>	<b>\$10,821</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# San Antonio Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2015-2016</b>									
<b>SoCal WaterSmart Residential Rebates</b>									
High Efficiency Toilets (HET)	17	235,463	1	14	\$0	\$444	\$1,580	\$2,024	3.9
High Efficiency Clothes Washers (HECW)	2	22,487	0.07	1	\$0	\$130	\$170	\$300	6.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (24,311 Sq. Ft.)	10	1,029,984	3	32	\$5,000	\$0	\$48,302	\$53,302	23.4
Rain Barrels	4	2,477	0.01	0.08	\$0	\$0	\$300	\$300	54.7
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Residential Landscape Retrofit Program (9 WBIC/0 Nozzles)	5	953,258	3	29	\$2,896	\$0	\$2,896	\$5,792	2.7
Landscape Transformation Program (Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>TOTAL</b>	<b>38</b>	<b>2,243,668</b>	<b>7</b>	<b>76</b>	<b>\$7,896</b>	<b>\$574</b>	<b>\$53,248</b>	<b>\$61,718</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

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Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2014-2015</b>									
<b>SoCal WaterSmart Residential Rebates</b>									
High Efficiency Toilets (HET)	6	53,969	0	3	\$0	\$300	\$300	\$600	4.8
High Efficiency Clothes Washers (HECW)	7	62,964	0.19	3	\$0	\$455	\$560	\$1,015	7.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	3	317,753	1	10	\$0	\$210	\$240	\$450	0.6
Turf Removal (Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rain Barrels	8	847,340	2.60	26.00	\$0	\$0	\$600	\$600	0.3
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Residential Landscape Retrofit Program (20 WBIC/0 Nozzles)	9	2,118,350	7	65	\$10,561	\$0	\$10,561	\$21,122	4.3
Landscape Transformation Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>33</b>	<b>3,400,375</b>	<b>10</b>	<b>107</b>	<b>\$10,561</b>	<b>\$965</b>	<b>\$12,261</b>	<b>\$23,787</b>	
<b>SoCal WaterSmart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>TOTAL</b>	<b>33</b>	<b>3,400,375</b>	<b>10</b>	<b>107</b>	<b>\$10,561</b>	<b>\$965</b>	<b>\$12,261</b>	<b>\$23,787</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

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Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2013-2014</b>									
<b>SoCal WaterSmart Residential Rebates</b>									
High Efficiency Toilets (HET)	1	8,993	0	1	\$0	\$50	\$50	\$100	4.8
High Efficiency Clothes Washers (HECW)	13	116,915	0.36	5	\$0	\$845	\$1,040	\$1,885	7.0
Rotating Nozzles for Pop-up Spray Heads	2	2,607	0.01	0.04	\$0	\$4	\$8	\$12	2.0
Weather based Irrigation Controllers (WBIC)	1	105,902	0.33	3	\$0	\$70	\$80	\$150	0.6
Rain Barrels	5	529,508	1.63	16.25	\$0	\$0	\$375	\$375	
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Residential Landscape Retrofit Program (6 WBIC/74 Nozzles)	4	651,702	2	22	\$1,843	\$0	\$1,843	\$3,686	2.5
Landscape Transformation Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>26</b>	<b>1,415,627</b>	<b>4</b>	<b>47</b>	<b>\$1,843</b>	<b>\$969</b>	<b>\$3,396</b>	<b>\$6,208</b>	
<b>SoCal WaterSmart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>TOTAL</b>	<b>26</b>	<b>1,415,627</b>	<b>4</b>	<b>47</b>	<b>\$1,843</b>	<b>\$969</b>	<b>\$3,396</b>	<b>\$6,208</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

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Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2012-2013</b>									
<b>SoCal WaterSmart Residential Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers (HECW)	6	53,961	0.17	2	\$0	\$390	\$480	\$870	7.2
Rotating Nozzles for Pop-up Spray Heads	2	2,607	0.01	0.04	\$0	\$4	\$8	\$12	2.1
Weather based Irrigation Controllers (WBIC)	1	105,902	0.33	3	\$0	\$70	\$80	\$150	0.6
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Residential Landscape Retrofit Program	4	651,702	2	22	\$1,598	\$260	\$1,858	\$3,716	2.6
Landscape Transformation Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>13</b>	<b>814,171</b>	<b>2</b>	<b>28</b>	<b>\$1,598</b>	<b>\$724</b>	<b>\$2,426</b>	<b>\$4,748</b>	
<b>IEUA High Efficiency Toilet (HET) Installation Prog.</b>									
IEUA Multi-Family Direct Install Prog. (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
IEUA Single-Family Direct Install Prog. (HET)	18	249,276	1	15	\$1,320	\$642	\$900	\$2,862	5.1
<b>Subtotal</b>	<b>18</b>	<b>249,276</b>	<b>1</b>	<b>15</b>	<b>\$1,320</b>	<b>\$642</b>	<b>\$900</b>	<b>\$2,862</b>	
<b>SoCal WaterSmart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
Fontana Unified School Retrofit Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>TOTAL</b>	<b>31</b>	<b>1,063,447</b>	<b>3</b>	<b>43</b>	<b>\$2,918</b>	<b>\$1,366</b>	<b>\$3,326</b>	<b>\$7,610</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$



# San Antonio Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2011-2012</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Clothes Washers (HECW)	8	71,948	0.22	3.31	\$0	\$400	\$880	\$1,280	8.5
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	1	105,902	0.33	3.25	\$0	\$45	\$80	\$125	0.6
FreeSprinklerNozzles.com Program	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Residential Landscape Retrofit Program	6	1,955,106	6.00	55.00	\$0	\$3,737	\$3,529	\$7,266	2.4
<b>Subtotal</b>	<b>15</b>	<b>2,132,955</b>	<b>7</b>	<b>62</b>	<b>\$0</b>	<b>\$4,182</b>	<b>\$4,489</b>	<b>\$8,671</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Single-Family Direct Install Prog. (HET)	12	166,184	0.51	10.20	\$880	\$428	\$600	\$1,908	5.5
<b>Subtotal</b>	<b>12</b>	<b>166,184</b>	<b>1</b>	<b>10</b>	<b>\$880</b>	<b>\$428</b>	<b>\$600</b>	<b>\$1,908</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
FreeSprinklerNozzles.com Program	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>TOTAL</b>	<b>27</b>	<b>2,299,139</b>	<b>8</b>	<b>72</b>	<b>\$880</b>	<b>\$4,610</b>	<b>\$5,089</b>	<b>\$10,579</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# San Antonio Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2010-2011</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers (HECW)	9	80,941	0.25	3.73	\$0	\$450	\$990	\$1,440	11.6
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Wise Landscape (Turf Buy Back) (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Synthetic Turf (5,235 Sq. Ft.)	8	238,816	0.73	7.33	\$0	\$2,356	\$1,571	\$3,926	10.7
<b>Subtotal</b>	<b>17</b>	<b>319,758</b>	<b>1</b>	<b>11</b>	<b>\$0</b>	<b>\$2,806</b>	<b>\$2,561</b>	<b>\$5,366</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>CII Save-A-Buck Rebate Program</b>									
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>TOTAL</b>	<b>17</b>	<b>319,758</b>	<b>1</b>	<b>11</b>	<b>\$0</b>	<b>\$2,806</b>	<b>\$2,561</b>	<b>\$5,366</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# San Antonio Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2009-2010</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0
High Efficiency Clothes Washers (HECW)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0
Water Wise Landscape (Turf Buy Back) (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0
Synthetic Turf (5,235 Sq. Ft.)	2	238,816	0.73	7.33	\$0	\$2,356	\$1,571	\$3,926	10.7
<b>Subtotal</b>	<b>2</b>	<b>238,816</b>	<b>1</b>	<b>7</b>	<b>\$0</b>	<b>\$2,356</b>	<b>\$1,571</b>	<b>\$3,926</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Tank	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.00</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>TOTAL</b>	<b>2</b>	<b>238,816</b>	<b>1</b>	<b>7</b>	<b>\$0</b>	<b>\$2,356</b>	<b>\$1,571</b>	<b>\$3,926</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# San Antonio Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2008-2009</b>									
<b>Residential Rebate Programs</b>									
Ultra Low Flush Toilets (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	2	27,697	0.09	1.70	\$0	\$0	\$330	\$330	7.8
High Efficiency Clothes Washers (HECW)	9	80,941	0.25	3.73	\$0	\$0	\$990	\$990	8.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Wise Landscape (Turf Buy Back) (3,750 Sq. Ft.)	3	171,072	0.53	5.25	\$0	\$6,000	\$0	\$6,000	22.9
Synthetic Turf (840 Sq. Ft.)	1	38,320	0.12	1.18	\$0	\$252	\$252	\$504	8.6
<b>Subtotal</b>	<b>15</b>	<b>318,031</b>	<b>1</b>	<b>12</b>	<b>\$0</b>	<b>\$6,252</b>	<b>\$1,572</b>	<b>\$7,824</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
ULFT Tank	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>MWD Public Sector Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Central Computer Irrigation Controllers (CCIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>TOTAL</b>	<b>15</b>	<b>318,031</b>	<b>1</b>	<b>12</b>	<b>\$0</b>	<b>\$6,252</b>	<b>\$1,572</b>	<b>\$7,824</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# San Antonio Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2007-2008</b>									
<b>Residential Rebate Programs</b>									
Ultra Low Flush Toilets (ULFT)	4	49,399	0.15	3.03	\$0	\$0	\$240	\$240	3.7
High Efficiency Toilets (HET)	1	13,849	0.04	0.85	\$0	\$0	\$165	\$165	9.1
High Efficiency Clothes Washers (HECW)	24	215,844	0.66	9.94	\$0	\$0	\$2,640	\$2,640	9.3
Rotating Nozzles for Pop-up Spray Heads	19	24,765	0.08	0.38	\$0	\$0	\$76	\$76	2.3
Weather Based Irrigation Controllers (WBIC)	3	317,705	0.98	9.75	\$0	\$480	\$240	\$720	1.7
Water Wise Landscape (Turf Buy Back) (Sq. Ft.)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Synthetic Turf (3,559 Sq. Ft.)	2	162,359	0.50	4.98	\$0	\$1,068	\$1,068	\$2,135	10.0
<b>Subtotal</b>	<b>53</b>	<b>783,919</b>	<b>2</b>	<b>29</b>	<b>\$0</b>	<b>\$1,548</b>	<b>\$4,429</b>	<b>\$5,976</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
IEUA Multi-Family Direct Install Prog. (HET/ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
ULFT Tank	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Synthetic Turf (1,200 Sq. Ft.)	1	54,743	0.17	1.68	\$0	\$360	\$360	\$720	10.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>1</b>	<b>54,743</b>	<b>0</b>	<b>2</b>	<b>\$0</b>	<b>\$360.00</b>	<b>\$360.00</b>	<b>\$720.00</b>	
<b>MWD Public Sector Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Central Computer Irrigation Controllers (CCIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>TOTAL</b>	<b>54</b>	<b>838,662</b>	<b>3</b>	<b>31</b>	<b>\$0</b>	<b>\$1,908</b>	<b>\$4,789</b>	<b>\$6,696</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# San Antonio Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2006-2007</b>									
<b>Residential Programs</b>									
Ultra Low Flush Toilets (ULFT)	1	11,307	0.03	0.69	\$0	\$0	\$60	\$60	4.0
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers (HECW)	16	441,072	1.35	20.30	\$0	\$0	\$1,760	\$1,760	3.0
Rotating Sprinkler Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC) - Rebate	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC) - Distribution	12	2,541,638	7.80	78.00	\$0	\$0	\$2,880	\$2,880	0.9
<b>Subtotal</b>	<b>29</b>	<b>2,982,710</b>	<b>9</b>	<b>99</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,640</b>	<b>\$4,640</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Toilet Program (HET/ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
ULFT Tank	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Toilets (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Zero Water Urinal	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers (HECW)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>TOTAL</b>	<b>29</b>	<b>2,982,710</b>	<b>9</b>	<b>99</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,640</b>	<b>\$4,640</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# San Antonio Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2005-2006</b>									
<b>Residential Programs</b>									
City Event (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Regional Event (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Rebate Program (ULFT)	11	124,377	0.38	7.63	\$0	\$11	\$660	\$671	4.1
High Efficiency Clothes Washers	14	125,909	0.39	5.80	\$0	\$14	\$1,540	\$1,554	9.4
<b>Subtotal</b>	<b>25</b>	<b>250,286</b>	<b>1</b>	<b>13</b>	<b>\$0</b>	<b>\$25</b>	<b>\$2,200</b>	<b>\$2,225</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	4	45,228	0.14	2.78	\$0	\$420	\$240	\$660	11.1
<b>Subtotal</b>	<b>4</b>	<b>45,228</b>	<b>0.14</b>	<b>3</b>	<b>\$0</b>	<b>\$420</b>	<b>\$240</b>	<b>\$660</b>	<b>11.1</b>
<b>CII Save-A-Buck Rebate Program</b>									
ULFT's (Tank)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Conductivity Controller (MWD CII)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Spray Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>TOTAL</b>	<b>29</b>	<b>295,514</b>	<b>1</b>	<b>16</b>	<b>\$0</b>	<b>\$445</b>	<b>\$2,440</b>	<b>\$2,885</b>	

<b>FY 2004-2005</b>									
<b>Residential Programs</b>									
City Event (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Regional Event (ULFT)	2	22,614	0.07	1.39	\$0	\$22	\$120	\$142	4.8
IEUA Rebate Program (ULFT)	6	67,842	0.21	4.16	\$0	\$6	\$360	\$366	4.1
High Efficiency Clothes Washers	26	233,831	0.72	10.76	\$0	\$26	\$2,860	\$2,886	9.4
Pool Cover Rebates	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>34</b>	<b>324,287</b>	<b>1</b>	<b>16</b>	<b>\$0</b>	<b>\$54</b>	<b>\$3,340</b>	<b>\$3,394</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>0.0</b>
<b>CII Save-A-Buck Rebate Program</b>									
ULFT's (Tank)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Conductivity Controller	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Spray Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
X-Ray Film Processor	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>TOTAL</b>	<b>34</b>	<b>324,287</b>	<b>1</b>	<b>16</b>	<b>\$0</b>	<b>\$54</b>	<b>\$3,340</b>	<b>\$3,394</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$



# San Antonio Water Company

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2003-2004</b>									
<b>Residential Programs</b>									
City Event (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Regional Event (ULFT)	2	22,614	0.07	1.39	\$0	\$22	\$120	\$142	3.4
IEUA Rebate Program (ULFT)	25	282,676	0.87	17.35	\$0	\$25	\$1,500	\$1,525	4.5
High Efficiency Clothes Washers	25	224,837	0.69	10.35	\$0	\$25	\$2,750	\$2,775	6.0
Pool Cover Rebates	11	802,854	2.46	12.30	\$0	\$583	\$0	\$583	2.3
<b>Subtotal</b>	<b>63</b>	<b>1,332,981</b>	<b>4</b>	<b>41</b>	<b>\$0</b>	<b>\$655</b>	<b>\$4,370</b>	<b>\$5,025</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms (Rebates)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms (Distribution)	1	49,986	0.15	0.77	\$0	\$0	\$100	\$100	1.2
Pre-Rinse Spray Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>1</b>	<b>49,986</b>	<b>0</b>	<b>1</b>	<b>\$0</b>	<b>\$0</b>	<b>\$100</b>	<b>\$100</b>	
<b>TOTAL</b>	<b>64</b>	<b>1,382,967</b>	<b>4</b>	<b>42</b>	<b>\$0</b>	<b>\$655</b>	<b>\$4,470</b>	<b>\$5,125</b>	

<b>FY 2002-2003</b>									
<b>Residential Programs</b>									
City Event (ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
IEUA Regional Event (ULFT)	4	45,228	0.14	2.78	\$0	\$44	\$240	\$284	6.7
IEUA Rebate Program (ULFT)	18	203,527	0.62	12.49	\$0	\$18	\$1,080	\$1,098	4.3
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pool Cover Rebates	3	1,246,986	3.83	19.15	\$0	\$159	\$0	\$159	1.9
<b>Subtotal</b>	<b>25</b>	<b>1,495,741</b>	<b>5</b>	<b>34</b>	<b>\$0</b>	<b>\$221</b>	<b>\$1,320</b>	<b>\$1,541</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Clothes Washers	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Water Brooms	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Pre-Rinse Spray Nozzles	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
X-Ray Film Processor (MWD CII)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Restaurant Table Tent Program	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>TOTAL</b>	<b>25</b>	<b>1,495,741</b>	<b>5</b>	<b>34</b>	<b>\$0</b>	<b>\$221</b>	<b>\$1,320</b>	<b>\$1,541</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$



City of Upland  
Regional Water Use Efficiency Programs  
Summary Charts

# City of Upland

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				IEUA Payback Period (years)
					Outside Funding	IEUA	MWD	Total	
<b>FY 2020-2021</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	5	40,086	0	2	\$0	\$300	\$200	\$500	2.9
High Efficiency Clothes Washers (HECW)	49	550,934	2	24	\$0	\$3,675	\$4,165	\$7,840	2.6
Rotating Nozzles for Pop-up Spray Heads (3 Apps/ 114 Nozzles)	3	163,471	1	3	\$0	\$342	\$228	\$570	0.8
Weather based Irrigation Controllers (WBIC)	74	998,427	3	31	\$0	\$5,920	\$5,920	\$11,840	2.3
Hose Bib Controller	2	26,985	0	1	\$0	\$0	\$70	\$70	0.0
Turf Replacement (28,641 sq. ft.)	17	1,718,460	5	158	\$0	\$28,641	\$56,262	\$84,903	6.5
Rain Barrels	6	3,715	0	0	\$0	\$0	\$210	\$210	0.0
Cisterns	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
Landscape Tune-Up Program	81	6,124,313	19	38	\$0	\$20,837	\$12,150	\$32,987	1.3
Residential Landscape Retrofit Program (79 WBIC/ 128 Nozzles)	59	1,249,435	4	36	\$0	\$38,694	\$7,638	\$46,332	12.2
Res. Education, Survey, and Controller Upgrade Program (54 WBIC)	45	728,582	2	22	\$0	\$17,665	\$12,820	\$30,485	9.5
Residential Pressure Regulation Program	29	130,425	0	4	\$0	\$16,157	\$700	\$16,857	48.6
Leak Detection Pilot Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>370</b>	<b>11,734,834</b>	<b>36</b>	<b>318</b>	<b>\$0</b>	<b>\$132,231</b>	<b>\$100,363</b>	<b>\$232,594</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	4	16,816	0.05	1	\$0	\$60	\$140	\$200	1.4
Rotating Nozzles for Pop-up Spray Heads (1 App/ 77 Nozzles)	1	110,415	0	2	\$0	\$231	\$154	\$385	0.8
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Replacement (24,921 sq. ft.)	2	1,071,603	3	99	\$0	\$24,921	\$49,842	\$74,763	9.1
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>7</b>	<b>1,198,834</b>	<b>4</b>	<b>101</b>	<b>\$0</b>	<b>\$25,212</b>	<b>\$50,136</b>	<b>\$75,348</b>	
<b>TOTAL</b>	<b>377</b>	<b>12,933,668</b>	<b>40</b>	<b>419</b>	<b>\$0</b>	<b>\$157,443</b>	<b>\$150,499</b>	<b>\$307,942</b>	

$$^{(1)} \text{ Payback period} = \frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# City of Upland

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				IEUA Payback Period (years)
					Outside Funding	IEUA	MWD	Total	
<b>FY 2019-2020</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	6	48,103	0	3	\$0	\$360	\$240	\$600	2.9
High Efficiency Clothes Washers (HECW)	45	505,960	2	22	\$0	\$3,375	\$3,825	\$7,200	2.6
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	100	1,349,226	4	41	\$0	\$8,000	\$8,000	\$16,000	2.3
Turf Replacement (30,049 sq. ft.)	24	1,292,107	4	40	\$0	\$26,784	\$60,098	\$86,882	8.1
Rain Barrels	2	1,238	0	0	\$0	\$0	\$70	\$70	0.0
Cisterns	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
Landscape Tune-Up Program	58	4,385,310	13	27	\$0	\$7,065	\$13,444	\$20,508	0.6
Residential Landscape Retrofit Program (79 WBIC/ 61 Nozzles)	61	1,153,360	4	34	\$854	\$22,556	\$23,861	\$47,270	7.7
Res. Education, Survey, and Controller Upgrade Program (50 WBIC)	43	674,613	2	21	\$0	\$18,153	\$11,384	\$29,537	10.6
Residential Pressure Regulation Program	42	188,892	1	6	\$0	\$14,271	\$10,705	\$24,976	29.7
Leak Detection Pilot Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>381</b>	<b>9,598,809</b>	<b>29</b>	<b>193</b>	<b>\$854</b>	<b>\$100,563</b>	<b>\$131,626</b>	<b>\$233,043</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	237	1,900,062	6	117	\$0	\$14,220	\$9,480	\$23,700	2.9
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	12	50,449	0.15	2	\$0	\$180	\$420	\$600	1.4
Rotating Nozzles for Pop-up Spray Heads (0 App/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Replacement (54,124 sq. ft.)	10	2,327,332	7	71	\$20,487	\$33,637	\$108,248	\$162,372	5.7
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>259</b>	<b>4,277,844</b>	<b>13</b>	<b>190</b>	<b>\$20,487</b>	<b>\$48,037</b>	<b>\$118,148</b>	<b>\$186,672</b>	
<b>TOTAL</b>	<b>640</b>	<b>13,876,653</b>	<b>43</b>	<b>383</b>	<b>\$21,341</b>	<b>\$148,600</b>	<b>\$249,774</b>	<b>\$419,715</b>	

$$^{(1)} \text{ Payback period} = \frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# City of Upland

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				IEUA Payback Period (years)
					Outside Funding	IEUA	MWD	Total	
<b>FY 2018-2019</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	21	168,360	1	10	\$0	\$1,260	\$840	\$2,100	3.1
High Efficiency Clothes Washers (HECW)	43	483,473	1	21	\$0	\$3,225	\$3,655	\$6,880	2.7
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	64	863,505	3	26	\$0	\$5,120	\$5,120	\$10,240	2.4
Turf Removal (13,379 Sq. Ft.)	8	575,297	2	18	\$0	\$10,551	\$25,318	\$35,869	7.5
Rain Barrels	7	4,334	0	0	\$0	\$0	\$245	\$245	0.0
Cisterns	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
Landscape Tune-Up Program (8 Small Sites/ 16 Large Sites)	24	N/A	N/A	N/A	\$12,990	\$0	\$0	\$12,990	0.0
Residential Landscape Retrofit Program (36 WBIC/ 438 Nozzles)	24	4,857,214	15	25	\$10,849	\$0	\$11,292	\$22,140	0.0
Res. Education, Survey, and Controller Upgrade Program (63 WBIC)	55	850,012	3	26	\$0	\$23,007	\$14,101	\$37,109	11.0
Residential Pressure Regulation Program	57	2,192,003	7	67	\$0	\$15,117	\$14,524	\$29,642	2.8
<b>Subtotal</b>	<b>303</b>	<b>9,994,198</b>	<b>8</b>	<b>193</b>	<b>\$23,839</b>	<b>\$58,281</b>	<b>\$75,095</b>	<b>\$157,215</b>	<b>25.4</b>
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	146	1,170,502	4	72	\$0	\$8,760	\$5,840	\$14,600	3.1
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	2	8,408	0.03	0	\$0	\$30	\$70	\$100	1.5
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (14,038 Sq. Ft.)	2	603,634	2	19	\$0	\$12,512	\$28,076	\$40,588	8.5
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Contro	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>150</b>	<b>1,782,545</b>	<b>5</b>	<b>91</b>	<b>\$0</b>	<b>\$24,910</b>	<b>\$33,986</b>	<b>\$58,896</b>	
<b>TOTAL</b>	<b>453</b>	<b>11,776,743</b>	<b>14</b>	<b>284</b>	<b>\$23,839</b>	<b>\$83,190</b>	<b>\$109,081</b>	<b>\$216,110</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# City of Upland

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2017-2018</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	8	64,137	0	4	\$0	\$480	\$320	\$800	5.3
High Efficiency Clothes Washers (HECW)	43	483,473	1	21	\$0	\$2,795	\$3,655	\$6,450	5.6
Rotating Nozzles for Pop-up Spray Heads (1 Apps/ 30 Nozzles)	30	43,012	0	1	\$0	\$90	\$60	\$150	1.5
Weather based Irrigation Controllers (WBIC)	34	458,737	1	14	\$0	\$2,380	\$2,720	\$5,100	4.7
Turf Removal (0 Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rain Barrels	2	1,238	0	0	\$0	\$0	\$70	\$70	23.9
Cisterns	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program (\$262.50 Total Cost)	50	71,698	0	1	\$0	\$163	\$100	\$263	1.5
Residential Landscape Retrofit Program (5 WBIC/ 147 Nozzles)	6	278,253	1	6	\$2,874	\$115	\$2,759	\$5,748	8.7
Residential Education, Survey, and Controller Upgrade Program (1 WBIC)	1	13,492	0	0	\$0	\$592	\$113	\$705	22.1
Residential Pressure Regulation Program	13	499,931	2	15	\$0	\$3,176	\$2,817	\$5,993	5.1
<b>Subtotal</b>	<b>187</b>	<b>1,913,972</b>	<b>6</b>	<b>63</b>	<b>\$2,874</b>	<b>\$9,791</b>	<b>\$12,614</b>	<b>\$25,279</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	284	2,276,868	7	140	\$0	\$17,040	\$11,360	\$28,400	5.3
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	21	88,286	0.27	3	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads (8 Apps/ 7,570 Nozzles)	7,570	10,855,077	33	167	\$0	\$15,140	\$15,140	\$30,280	1.2
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (0 Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program (\$5737.60 Total Cost)	1,587	2,068,813	6	32	\$0	\$2,564	\$3,174	\$5,738	1.2
<b>Subtotal</b>	<b>9,462</b>	<b>15,289,044</b>	<b>47</b>	<b>341</b>	<b>\$0</b>	<b>\$34,744</b>	<b>\$29,674</b>	<b>\$64,418</b>	
<b>TOTAL</b>	<b>9,649</b>	<b>17,203,016</b>	<b>53</b>	<b>403</b>	<b>\$2,874</b>	<b>\$44,535</b>	<b>\$42,288</b>	<b>\$89,696</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# City of Upland

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2016-2017</b>									
<b>SoCal WaterSmart Residential Rebates</b>									
High Efficiency Toilets (HET)	24	192,411	1	12	\$0	\$1,416	\$960	\$2,376	5.4
High Efficiency Clothes Washers (HECW)	52	584,665	2	25	\$0	\$845	\$4,420	\$5,265	3.9
Rotating Nozzles for Pop-up Spray Heads	65	93,193	0	1	\$0	\$0	\$130	\$130	0.6
Weather based Irrigation Controllers (WBIC)	32	431,752	1	13	\$0	\$712	\$2,560	\$3,272	3.3
Turf Removal (36,347 Sq. Ft.)	26	1,539,913	5	47	\$0	\$0	\$72,484	\$72,484	20.6
Rain Barrels	6	3,715	0.01	0	\$0	\$0	\$450	\$450	53.1
Cisterns	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	174	249,509	1	4	\$0	\$278	\$348	\$626	1.1
Residential Landscape Retrofit Program (4 WBIC/175 Nozzles)	4	304,912	0.94	6	\$1,740	\$0	\$1,740	\$3,481	5.0
Residential Education, Survey, and Controller Upgrade Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Residential Pressure Regulation Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>383</b>	<b>3,400,071</b>	<b>10</b>	<b>108</b>	<b>\$1,740</b>	<b>\$3,252</b>	<b>\$83,092</b>	<b>\$88,085</b>	
<b>SoCal WaterSmart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	10	42,041	0.1	1	\$0	\$2,460	\$5,740	\$8,200	85.4
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (0 Sq. Ft.)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Contro	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>10</b>	<b>42,041</b>	<b>0</b>	<b>1</b>	<b>\$0</b>	<b>\$2,460</b>	<b>\$5,740</b>	<b>\$8,200</b>	
<b>TOTAL</b>	<b>393</b>	<b>3,442,112</b>	<b>11</b>	<b>110</b>	<b>\$1,740</b>	<b>\$5,712</b>	<b>\$88,832</b>	<b>\$96,285</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$



# City of Upland

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2015-2016</b>									
<b>SoCal WaterSmart Residential Rebates</b>									
High Efficiency Toilets (HET)	197	2,728,598	8	167	\$0	\$4,157	\$19,128	\$23,285	3.9
High Efficiency Clothes Washers (HECW)	71	798,292	2	37	\$0	\$1,820	\$5,950	\$7,770	4.4
Rotating Nozzles for Pop-up Spray Heads	86	123,321	0	2	\$0	\$0	\$344	\$344	1.3
Weather based Irrigation Controllers (WBIC)	21	2,224,268	7	68	\$0	\$720	\$1,521	\$2,241	0.5
Turf Removal (246,352 Sq. Ft.)	108	10,437,195	32	320	\$0	\$0	\$464,746	\$464,746	20.1
Rain Barrels	97	60,063	0.18	1	\$0	\$0	\$7,127	\$7,127	53.6
Soil Moisture Sensor Systems	1	13,492	0.04	0.41	\$0	\$0	\$80	\$80	2.7
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	300	430,188	1	7	\$0	\$480	\$600	\$1,080	1.1
Residential Landscape Retrofit Program (79 WBIC/974 Nozzles)	52	9,764,160	30	278	\$24,225	\$0	\$24,225	\$48,451	2.2
Landscape Transformation Program (6,650 Sq. Ft.)	7	281,741	1	9	\$1,995	\$19,915	\$0	\$21,910	35.2
Residential Pressure Regulation Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>940</b>	<b>26,861,317</b>	<b>82</b>	<b>889</b>	<b>\$26,220</b>	<b>\$27,092</b>	<b>\$523,721</b>	<b>\$577,033</b>	
<b>SoCal WaterSmart Commercial Rebates</b>									
High Efficiency Toilets (HET)	545	7,548,659	23	463	\$0	\$24,035	\$73,539	\$97,574	5.8
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	2	211,835	1	7	\$0	\$0	\$1,610	\$1,610	3.4
Rotating Nozzles for Pop-up Spray Heads	1,881	2,697,279	8	41	\$0	\$0	\$15,984	\$15,984	2.7
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	210	1,574,097	5	24	\$0	\$2,100	\$2,100	\$4,200	1.2
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (149,971 Sq. Ft.)	12	6,353,821	19	195	\$0	\$86,576	\$177,079	\$263,655	18.8
Soil Moisture Sensor Systems	1	0	0	0	\$0	\$0	\$980	\$980	105.4
Plumbing Flow Contro	706	966,359	3	30	\$0	\$3,530	\$3,530	\$7,060	3.3
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	100	130,360	0	2	\$0	\$160	\$200	\$360	1.2
<b>Subtotal</b>	<b>3,457</b>	<b>19,482,410</b>	<b>60</b>	<b>762</b>	<b>\$0</b>	<b>\$116,401</b>	<b>\$275,022</b>	<b>\$391,423</b>	
<b>TOTAL</b>	<b>4,397</b>	<b>46,343,726</b>	<b>142</b>	<b>1,651</b>	<b>\$26,220</b>	<b>\$143,493</b>	<b>\$798,743</b>	<b>\$968,456</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# City of Upland

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2014-2015</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	78	1,080,359	3	66	\$0	\$3,900	\$3,900	\$7,800	3.1
High Efficiency Clothes Washers (HECW)	120	1,079,381	3	50	\$0	\$7,800	\$10,200	\$18,000	7.2
Rotating Nozzles for Pop-up Spray Heads	344	448,438	1	7	\$0	\$344	\$1,376	\$1,720	1.7
Weather based Irrigation Controllers (WBIC)	10	1,059,175	3	33	\$0	\$700	\$800	\$1,500	0.6
Turf Removal (11,453 Sq. Ft.)	9	482,332	1	15	\$0	\$0	\$22,076	\$22,076	19.8
Rain Barrels	16	1,694,680	5	52	\$0	\$0	\$1,200	\$1,200	0.3
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	860	1,121,096	3	17	\$0	\$0	\$38,700	\$38,700	15.0
Residential Landscape Retrofit Program (0 WBIC/0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Landscape Transformation Program (16,550 Sq. Ft.)	19	349,039	1	11	\$0	\$22,524	\$33,100	\$55,624	69.1
<b>Subtotal</b>	<b>1,456</b>	<b>7,314,500</b>	<b>22</b>	<b>250</b>	<b>\$0</b>	<b>\$35,268</b>	<b>\$111,352</b>	<b>\$146,620</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	25	346,269	1	21	\$0	\$100	\$200	\$300	0.4
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	4	423,670	1	13	\$0	\$4,921	\$23,418	\$28,339	29.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal (127,969 Sq. Ft.)	12	5,421,663	17	166	\$0	\$127,969	\$255,938	\$383,907	30.7
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	400	521,440	2	8	\$0	\$0	\$1,300	\$1,300	1.1
<b>Subtotal</b>	<b>441</b>	<b>6,713,041</b>	<b>21</b>	<b>209</b>	<b>\$0</b>	<b>\$132,990</b>	<b>\$280,856</b>	<b>\$413,847</b>	
<b>TOTAL</b>	<b>1,897</b>	<b>14,027,541</b>	<b>43</b>	<b>459</b>	<b>\$0</b>	<b>\$168,258</b>	<b>\$392,208</b>	<b>\$560,467</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# City of Upland

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2013-2014</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	52	720,131	2	44	\$0	\$2,600	\$2,600	\$5,200	3.1
High Efficiency Clothes Washers (HECW)	125	1,124,186	3	52	\$0	\$8,125	\$10,625	\$18,750	7.2
Rotating Nozzles for Pop-up Spray Heads	2	2,607	0	0	\$0	\$2	\$8	\$10	1.7
Weather based Irrigation Controllers (WBIC)	12	1,270,819	4	39	\$0	\$840	\$960	\$1,800	0.6
Rain Barrels	27	16,716	0.05	0.26	\$0	\$0	\$2,025	\$2,025	52.5
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	2,538	3,308,039	10	51	\$0	\$0	\$34,938	\$34,938	4.6
Residential Landscape Retrofit Program (39 WBIC/486 Nozzles)	24	4,887,765	15	138	\$12,043	\$0	\$12,043	\$24,086	2.1
Landscape Transformation Program (7,650 Sq. Ft.)	9	348,986	1.07	11	\$0	\$14,733	\$8,700	\$23,433	29.1
<b>Subtotal</b>	<b>2,789</b>	<b>11,679,249</b>	<b>36</b>	<b>335</b>	<b>\$12,043</b>	<b>\$26,300</b>	<b>\$71,899</b>	<b>\$110,242</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	2	27,697	0.09	2	\$0	\$100	\$200	\$300	4.7
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	51	5,400,980	17	166	\$0	\$4,921	\$23,418	\$28,339	2.3
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	315	2,360,790	7	72	\$0	\$3,150	\$3,150	\$6,300	1.2
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Removal	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
FreeSprinklerNozzles.com Program	3,917	5,105,433	16	78	\$0	\$0	\$12,730	\$12,730	1.1
<b>Subtotal</b>	<b>4,285</b>	<b>12,894,902</b>	<b>40</b>	<b>318</b>	<b>\$0</b>	<b>\$8,171</b>	<b>\$39,498</b>	<b>\$47,670</b>	
<b>TOTAL</b>	<b>7,074</b>	<b>24,574,151</b>	<b>75</b>	<b>653</b>	<b>\$12,043</b>	<b>\$34,471</b>	<b>\$111,397</b>	<b>\$157,912</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# City of Upland

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2012-2013</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers (HECW)	109	980,290	3	45	\$0	\$7,085	\$9,265	\$16,350	7.5
Rotating Nozzles for Pop-up Spray Heads	1	1,303	0.004	0.02	\$0	\$1	\$4	\$5	1.7
Weather based Irrigation Controllers (WBIC)	5	529,508	2	16	\$0	\$350	\$400	\$750	0.6
<b>IEUA Locally Implemented Residential Programs</b>									
FreeSprinklerNozzles.com Program	2,525	3,291,095	10	51	\$0	\$0	\$34,938	\$34,938	4.8
Residential Landscape Retrofit Program	23	5,865,318	18	140	\$11,631	\$1,894	\$13,524	\$27,049	2.1
Landscape Transformation Program (2,954 Sq. Ft.)	3	134,759	0.41	4	\$861	\$2,381	\$2,869	\$6,111	20.3
<b>Subtotal</b>	<b>2,666</b>	<b>10,802,273</b>	<b>33</b>	<b>256</b>	<b>\$12,492</b>	<b>\$11,711</b>	<b>\$61,000</b>	<b>\$85,203</b>	
<b>IEUA High Efficiency Toilet (HET) Installation Prog.</b>									
IEUA Multi-Family Direct Install Prog. (HET)	256	3,545,259	11	218	\$18,775	\$9,129	\$12,800	\$40,704	5.1
IEUA Single-Family Direct Install Prog. (HET)	633	8,766,207	27	538	\$46,424	\$22,573	\$31,650	\$100,647	5.1
<b>Subtotal</b>	<b>889</b>	<b>12,311,465</b>	<b>38</b>	<b>756</b>	<b>\$65,199</b>	<b>\$31,702</b>	<b>\$44,450</b>	<b>\$141,351</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0	0	0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers	0	0	0	0	0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	27	2,859,343	9	88	0	\$1,474	\$4,140	\$5,614	0.9
Rotating Nozzles for Pop-up Spray Heads	0	0	0	0	0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	200	1,498,915	5	23	0	\$2,000	\$2,000	\$4,000	1.2
Air-Cooled Ice Machine	0	0	0	0	0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Commercial Programs</b>									
Fontana Unified School Retrofit Program	0	0	0	0	0	\$0	\$0	\$0	0.0
FreeSprinklerNozzles.com Program	5,300	6,908,041	21	106	0	\$0	\$17,225	\$17,225	1.1
<b>Subtotal</b>	<b>5,527</b>	<b>11,266,298</b>	<b>35</b>	<b>217</b>	<b>\$0</b>	<b>\$3,474</b>	<b>\$23,365</b>	<b>\$26,840</b>	
<b>TOTAL</b>	<b>9,082</b>	<b>34,380,037</b>	<b>106</b>	<b>1,228</b>	<b>\$77,691</b>	<b>\$46,887</b>	<b>\$128,815</b>	<b>\$253,394</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# City of Upland

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2011-2012</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Clothes Washers (HECW)	130	1,169,153	3.59	53.82	0	0	11,050	11,050	4.5
Rotating Nozzles for Pop-up Spray Heads	31	40,406	0.12	0.62	0	62	93	155	1.8
Weather Based Irrigation Controllers (WBIC)	11	1,164,917	3.58	35.75	0	495	880	1,375	0.6
FreeSprinklerNozzles.com Program	10,624	13,849,446	42.50	212.48	0	0	32,250	32,250	1.1
Residential Landscape Retrofit Program	5	1,303,600	4.00	35.00	0	3,262	3,053	6,315	2.3
<b>Subtotal</b>	<b>10,801</b>	<b>17,527,523</b>	<b>54</b>	<b>338</b>	<b>0</b>	<b>3,819</b>	<b>47,326</b>	<b>51,145</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	36	498,552	1.53	30.60	2,640	1,284	1,800	5,724	5.5
IEUA Single-Family Direct Install Prog. (HET)	794	10,995,842	33.75	674.90	58,232	28,314	39,700	126,246	5.5
<b>Subtotal</b>	<b>830</b>	<b>11,494,394</b>	<b>35</b>	<b>706</b>	<b>60,872</b>	<b>29,598</b>	<b>41,500</b>	<b>131,970</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	0	0	0	0	0.0
Waterless Urinals	0	0	0.00	0.00	0	0	0	0	0.0
PH Conductivity Controller	0	0	0.00	0.00	0	0	0	0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	0	0	0	0	0.0
Weather Based Irrigation Controllers (WBIC)	1	105,902	0.33	3.25	0	117	600	717	3.2
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	0	0	0	0	0.0
Large Rotary Nozzles	0	0	0.00	0.00	0	0	0	0	0.0
FreeSprinklerNozzles.com Program	2,000	11,730,636	36.00	360.00	0	0	26,000	0	0.0
Central Computerized Irrigation Controller	0	0	0.00	0.00	0	0	0	0	0.0
<b>Subtotal</b>	<b>2,001</b>	<b>11,836,538</b>	<b>36</b>	<b>363</b>	<b>0</b>	<b>117</b>	<b>26,600</b>	<b>717</b>	
<b>TOTAL</b>	<b>13,632</b>	<b>40,858,454</b>	<b>125</b>	<b>1,406</b>	<b>60,872</b>	<b>33,534</b>	<b>115,426</b>	<b>183,832</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# City of Upland

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2010-2011</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Toilets (HET)	13	180,033	0.55	11.05	0	455	650	1,105	4.0
High Efficiency Clothes Washers (HECW)	229	2,059,509	6.32	94.81	0	0	19,465	19,465	6.2
Rotating Nozzles for Pop-up Spray Heads	247	321,941	0.99	4.94	0	494	741	1,235	2.5
Weather Based Irrigation Controllers (WBIC)	5	529,508	1.63	16.25	0	225	400	625	0.0
Synthetic Turf (694 Sq. Ft.)	1	31,664	0.10	0.97	0	312	208	521	10.7
FreeSprinklerNozzles.com Program	430	560,548	1.72	8.60	0	0	32,250	32,250	37.6
Residential Landscape Retrofit Program	17	4,562,600	14.00	117.00	0	11,287	8,831	20,118	2.9
<b>Subtotal</b>	<b>942</b>	<b>8,245,802</b>	<b>25</b>	<b>254</b>	<b>0</b>	<b>12,773</b>	<b>62,545</b>	<b>75,319</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	117	1,620,294	4.97	99.45	8,581	4,172	5,850	18,603	7.5
<b>Subtotal</b>	<b>117</b>	<b>1,620,294</b>	<b>5</b>	<b>99</b>	<b>8,581</b>	<b>4,172</b>	<b>5,850</b>	<b>18,603</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Toilets (HET)	30	415,460	1.28	25.50	0	1,050	1,500	2,550	4.0
Waterless Urinals	5	199,910	0.61	12.27	0	250	1,000	1,250	0.0
PH Conductivity Controller	1	209,848	0.64	3.22	0	500	1,750	2,250	0.0
Weather Based Irrigation Controllers (WBIC)	1	105,902	0.33	3.25	0	480	1,200	1,680	10.4
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	0	0	0	0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	0	0	0	0	0.0
Large Rotary Nozzles	0	0	0.00	0.00	0	0	0	0	0.0
Pre-Rinse Nozzles	0	0	0.00	0.00	0	0	0	0	0.0
<b>Subtotal</b>	<b>37</b>	<b>931,119</b>	<b>3</b>	<b>44</b>	<b>0</b>	<b>2,280</b>	<b>5,450</b>	<b>7,730</b>	
<b>TOTAL</b>	<b>1,096</b>	<b>10,797,216</b>	<b>33</b>	<b>397</b>	<b>8,581</b>	<b>19,226</b>	<b>73,845</b>	<b>101,652</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$

# City of Upland

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2009-2010</b>									
<b>Residential Rebate Programs</b>									
High Efficiency Toilets (HET)	56	775,525	2.38	47.60	0	1,960	2,800	4,760	4.0
High Efficiency Clothes Washers (HECW)	63	566,590	1.74	26.08	0	3,150	6,930	10,080	11.6
Rotating Nozzles for Pop-up Spray Heads	35	45,619	0.14	0.70	0	70	140	210	3.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	0	0	0	0	0.0
Water Wise Landscape (Turf Buy Back) (Sq. Ft.)	0	0	0.00	0.00	0	0	0	0	0.0
Synthetic Turf (8,348 Sq. Ft.)	4	380,829	1.17	11.69	0	3,757	2,504	6,261	10.7
<b>Subtotal</b>	<b>158</b>	<b>1,768,563</b>	<b>5</b>	<b>86</b>	<b>0</b>	<b>8,937</b>	<b>12,374</b>	<b>21,311</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	4	55,395	0.17	3.40	293	143	660	1,096	12.9
<b>Subtotal</b>	<b>4</b>	<b>55,395</b>	<b>0</b>	<b>3</b>	<b>293</b>	<b>143</b>	<b>660</b>	<b>1,096</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Tank	0	0	0.00	0.00	0	0	0	0	0.0
High Efficiency Toilets (HET)	198	2,742,036	8.42	168.30	0	26,730	32,670	59,400	14.2
Waterless Urinals	22	879,602	2.70	53.99	0	0	8,800	8,800	6.5
High Efficiency Clothes Washers	29	260,811	0.80	8.00	0	2,900	2,320	5,220	13.1
Water Brooms	0	0	0.00	0.00	0	0	0	0	0.0
Weather Based Irrigation Controllers (WBIC)	22	2,329,835	7.15	71.50	0	1,680	14,014	15,694	4.4
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	0	0	0	0	0.0
Rotating Nozzles for Pop-up Spray Heads	1,642	2,140,189	6.57	32.84	0	0	6,568	0	0.0
Pre-Rinse Nozzles	0	0	0.00	0.00	0	0	0	0	0.0
<b>Subtotal</b>	<b>1,913</b>	<b>8,352,474</b>	<b>26</b>	<b>335</b>	<b>0</b>	<b>31,310</b>	<b>64,372</b>	<b>89,114</b>	
<b>TOTAL</b>	<b>2,075</b>	<b>10,176,431</b>	<b>31</b>	<b>424</b>	<b>293</b>	<b>40,389</b>	<b>77,406</b>	<b>111,521</b>	

<sup>(1)</sup> Payback period = 
$$\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$$



# City of Upland

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2008-2009</b>									
<b>Residential Rebate Programs</b>									
Ultra Low Flush Toilets (ULFT)	0	0	0.00	0.00	0	0	0	0	0.0
High Efficiency Toilets (HET)	74	1,024,801	3.15	62.90	0	0	12,210	12,210	7.8
High Efficiency Clothes Washers (HECW)	155	1,393,991	4.28	64.17	0	0	17,050	17,050	8.0
Rotating Nozzles for Pop-up Spray Heads	20	26,068	0.08	0.40	0	0	80	80	2.0
Weather Based Irrigation Controllers (WBIC)	1	105,902	0.33	3.25	0	0	80	80	0.5
Water Wise Landscape (Turf Buy Back) (28,677 Sq. Ft.)	21	1,308,220	4.01	40.15	0	35,878	0	35,878	17.9
Synthetic Turf (8,348 Sq. Ft.)	13	380,829	1.17	11.69	0	2,504	2,504	5,009	8.6
<b>Subtotal</b>	<b>284</b>	<b>4,239,810</b>	<b>13</b>	<b>183</b>	<b>0</b>	<b>38,382</b>	<b>31,924</b>	<b>70,307</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET)</b>									
IEUA Multi-Family Direct Install Prog. (HET)	339	4,694,698	14.41	288.15	24,862	12,089	55,935	92,886	12.9
<b>Subtotal</b>	<b>339</b>	<b>4,694,698</b>	<b>14</b>	<b>288</b>	<b>24,862</b>	<b>12,089</b>	<b>55,935</b>	<b>92,886</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	0	0	0.00	0.00	0	0	0	0	0.0
ULFT Tank	0	0	0.00	0.00	0	0	0	0	0.0
High Efficiency Toilets (HET)	162	2,243,484	6.89	137.70	0	21,870	26,730	48,600	14.2
Waterless Urinals	0	0	0.00	0.00	0	0	0	0	0.0
Conductivity Controller	0	0	0.00	0.00	0	0	0	0	0.0
High Efficiency Clothes Washers	0	0	0.00	0.00	0	0	0	0	0.0
Water Brooms	0	0	0.00	0.00	0	0	0	0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	0	0	0	0	0.0
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	0	0	0	0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	0	0	0	0	0.0
Large Rotary Nozzles	0	0	0.00	0.00	0	0	0	0	0.0
Pre-Rinse Nozzles	0	0	0.00	0.00	0	0	0	0	0.0
<b>Subtotal</b>	<b>162</b>	<b>2,243,484</b>	<b>7</b>	<b>138</b>	<b>0</b>	<b>21,870</b>	<b>26,730</b>	<b>48,600</b>	
<b>MWD Public Sector Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	0	0	0	0	0.0
Waterless Urinals	0	0	0.00	0.00	0	0	0	0	0.0
Water Brooms	0	0	0.00	0.00	0	0	0	0	0.0
Weather Based Irrigation Controllers (WBIC)	51	10,120,606	31.06	310.59	0	0	84,498	84,498	5.5
Central Computer Irrigation Controllers (CCIC)	0	0	0.00	0.00	0	0	0	0	0.0
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	0	0	0	0	0.0
<b>Subtotal</b>	<b>51</b>	<b>10,120,606</b>	<b>31</b>	<b>311</b>	<b>0</b>	<b>0</b>	<b>84,498</b>	<b>84,498</b>	
<b>TOTAL</b>	<b>836</b>	<b>21,298,599</b>	<b>65</b>	<b>919</b>	<b>24,862</b>	<b>72,341</b>	<b>199,087</b>	<b>296,291</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# City of Upland

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2007-2008</b>									
<b>Residential Rebate Programs</b>									
Ultra Low Flush Toilets (ULFT)	27	333,443	1.02	20.47	0	0	1,620	1,620	3.7
High Efficiency Toilets (HET)	15	207,730	0.64	12.75	0	0	2,475	2,475	9.1
High Efficiency Clothes Washers (HECW)	236	2,122,463	6.51	97.70	0	0	25,960	25,960	9.3
Rotating Nozzles for Pop-up Spray Heads	143	186,387	0.57	2.86	0	0	572	572	2.3
Weather Based Irrigation Controllers (WBIC)	2	211,803	0.65	6.50	0	320	160	480	1.7
Water Wise Landscape (Turf Buy Back) (8,587 Sq. Ft.)	8	391,732	1.20	12.02	0	17,174	0	17,174	33.5
Synthetic Turf (9,919 Sq. Ft.)	11	452,496	1.39	13.89	0	2,976	2,976	5,951	10.0
<b>Subtotal</b>	<b>442</b>	<b>3,906,054</b>	<b>12</b>	<b>166</b>	<b>0</b>	<b>20,470</b>	<b>33,763</b>	<b>54,232</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
IEUA Multi-Family Direct Install Prog. (HET/ULFT)	1,541	19,030,969	58.40	1,168.08	113,017	54,952	92,460	260,429	10.4
<b>Subtotal</b>	<b>1,541</b>	<b>19,030,969</b>	<b>58</b>	<b>1,168</b>	<b>113,017</b>	<b>54,952</b>	<b>92,460</b>	<b>260,429</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	0	0	0.00	0.00	0	0	0	0	0.0
ULFT Tank	1	12,350	0.04	0.76	0	0	135	135	8.3
High Efficiency Toilets (HET)	472	6,536,571	20.06	401.20	0	63,720	77,880	141,600	16.5
Waterless Urinals	0	0	0.00	0.00	0	0	0	0	0.0
Conductivity Controller	0	0	0.00	0.00	0	0	0	0	0.0
High Efficiency Clothes Washers	31	278,798	0.86	12.83	0	8,990	4,030	13,020	35.6
Water Brooms	0	0	0.00	0.00	0	0	0	0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	0	0	0	0	0.0
Synthetic Turf (Sq. Ft.)	0	0	0.00	0.00	0	0	0	0	0.0
Rotating Nozzles for Pop-up Spray Heads	0	0	0.00	0.00	0	0	0	0	0.0
<b>Subtotal</b>	<b>504</b>	<b>6,827,719</b>	<b>21</b>	<b>415</b>	<b>0</b>	<b>72,710</b>	<b>82,045</b>	<b>154,755</b>	
<b>MWD Public Sector Program</b>									
High Efficiency Toilets (HET)	0	0	0.00	0.00	0	0	0	0	0.0
Waterless Urinals	0	0	0.00	0.00	0	0	0	0	0.0
Water Brooms	0	0	0.00	0.00	0	0	0	0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	0	0	0	0	0.0
Central Computer Irrigation Controllers (CCIC)	0	0	0.00	0.00	0	0	0	0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>TOTAL</b>	<b>2,487</b>	<b>29,764,742</b>	<b>91</b>	<b>1,749</b>	<b>113,017</b>	<b>148,132</b>	<b>208,268</b>	<b>469,416</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# City of Upland

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2006-2007</b>									
<b>Residential Programs</b>									
Ultra Low Flush Toilets (ULFT)	56	633,194	1.94	38.86	0	0	3,360	3,360	4.0
High Efficiency Toilets (HET)	5	69,243	0.21	4.25	0	0	1,325	1,325	14.6
High Efficiency Clothes Washers (HECW)	238	6,560,945	20.13	302.02	0	0	26,180	26,180	3.0
Rotating Sprinkler Nozzles	0	0	0.00	0.00	0	0	0	0	0.0
Weather Based Irrigation Controllers (WBIC) - Rebate	2	423,606	1.30	13.00	0	320	160	480	0.9
Weather Based Irrigation Controllers (WBIC) - Distribution	109	23,086,543	70.85	708.50	0	0	26,160	26,160	0.9
<b>Subtotal</b>	<b>410</b>	<b>30,773,531</b>	<b>92</b>	<b>1,067</b>	<b>0</b>	<b>320</b>	<b>53,825</b>	<b>54,145</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Toilet Program (HET/ULFT)	1,008	11,397,486	34.98	699.55	73,927	35,945	60,480	170,352	11.4
<b>Subtotal</b>	<b>1,008</b>	<b>11,397,486</b>	<b>35</b>	<b>700</b>	<b>73,927</b>	<b>35,945</b>	<b>60,480</b>	<b>170,352</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT Flushometer	0	0	0.00	0.00	0	0	0	0	0.0
ULFT Tank	0	0	0.00	0.00	0	0	0	0	0.0
High Efficiency Toilets (HET)	0	0	0.00	0.00	0	0	0	0	0.0
Zero Water Urinal	2	79,833	0.25	4.90	0	0	800	800	7.6
Conductivity Controller	1	209,848	0.64	3.22	0	0	625	625	2.3
High Efficiency Clothes Washers (HECW)	1	27,567	0.08	1.27	0	70	130	200	5.5
Water Brooms	0	0	0.00	0.00	0	0	0	0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	0	0	0	0	0.0
<b>Subtotal</b>	<b>4</b>	<b>317,249</b>	<b>1</b>	<b>9</b>	<b>0</b>	<b>70</b>	<b>1,555</b>	<b>1,625</b>	
<b>TOTAL</b>	<b>1,422</b>	<b>42,488,266</b>	<b>128</b>	<b>1,776</b>	<b>\$73,927</b>	<b>\$36,335</b>	<b>\$115,860</b>	<b>\$226,122</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# City of Upland

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2005-2006</b>									
<b>Residential Programs</b>									
City Event (ULFT)	1,248	14,111,173	43.31	866.11	0	8,112	74,880	82,992	4.5
IEUA Regional Event (ULFT)	0	0	0.00	0.00	0	0	0	0	0.0
IEUA Rebate Program (ULFT)	153	1,729,976	5.31	106.18	0	153	9,180	9,333	4.1
High Efficiency Clothes Washers	222	1,996,554	6.13	91.91	0	222	24,420	24,642	9.4
<b>Subtotal</b>	<b>1,623</b>	<b>17,837,703</b>	<b>55</b>	<b>1,064</b>	<b>0</b>	<b>8,487</b>	<b>108,480</b>	<b>116,967</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	930	10,515,538	32.27	645.42	0	97,650	55,800	153,450	11.1
<b>Subtotal</b>	<b>930</b>	<b>10,515,538</b>	<b>32</b>	<b>645</b>	<b>0</b>	<b>97,650</b>	<b>55,800</b>	<b>153,450</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT's (Tank)	0	0	0.00	0.00	0	0	0	0	0.0
Conductivity Controller	0	0	0.00	0.00	0	0	0	0	0.0
High Efficiency Clothes Washers	11	98,928	0.30	4.55	0	0	2,750	2,750	21.2
Water Brooms	0	0	0.00	0.00	0	0	0	0	0.0
Pre-Rinse Spray Nozzles	0	0	0.00	0.00	0	0	0	0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0.00	0.00	0	0	0	0	0.0
<b>Subtotal</b>	<b>11</b>	<b>98,928</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>2,750</b>	<b>2,750</b>	
<b>TOTAL</b>	<b>2,564</b>	<b>28,452,169</b>	<b>87</b>	<b>1,714</b>	<b>0</b>	<b>\$106,137</b>	<b>\$167,030</b>	<b>\$273,167</b>	

<b>FY 2004-2005</b>									
<b>Residential Programs</b>									
City Event (ULFT)	0	0	0.00	0.00	0	0	0	0	0.0
IEUA Regional Event (ULFT)	11	124,377	0.38	7.63	0	121	660	781	4.8
IEUA Rebate Program (ULFT)	126	1,424,686	4.37	87.44	0	126	7,560	7,686	4.1
High Efficiency Clothes Washers	287	2,581,131	7.92	118.82	0	287	31,570	31,857	9.4
Pool Cover Rebates	14	239,148	0.73	3.67	0	742	0	742	2.4
<b>Subtotal</b>	<b>438</b>	<b>4,369,342</b>	<b>13</b>	<b>218</b>	<b>0</b>	<b>1,276</b>	<b>39,790</b>	<b>41,066</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	981	11,092,196	34.04	680.81	0	103,005	58,860	161,865	11.1
<b>Subtotal</b>	<b>981</b>	<b>11,092,196</b>	<b>34</b>	<b>681</b>	<b>0</b>	<b>103,005</b>	<b>58,860</b>	<b>161,865</b>	
<b>CII Save-A-Buck Rebate Program</b>									
ULFT's (Tank)	0	0	0.00	0.00	0	0	0	0	0.0
Conductivity Controller	0	0	0.00	0.00	0	0	0	0	0.0
High Efficiency Clothes Washers	3	26,980	0.08	1.24	0	0	750	750	21.2
Water Brooms	0	0	0.00	0.00	0	0	0	0	0.0
Pre-Rinse Spray Nozzles	0	0	0.00	0.00	0	0	0	0	0.0
X-Ray Film Processor	0	0	0.00	0.00	0	0	0	0	0.0
<b>Subtotal</b>	<b>3</b>	<b>26,980</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>750</b>	<b>750</b>	
<b>TOTAL</b>	<b>1,422</b>	<b>15,488,519</b>	<b>48</b>	<b>900</b>	<b>0</b>	<b>104,281</b>	<b>99,400</b>	<b>203,681</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

# City of Upland

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2003-2004</b>									
<b>Residential Programs</b>									
City Event (ULFT)	100	1,130,703	3.47	69.40	0	200	6,000	6,200	4.8
IEUA Regional Event (ULFT)	44	497,509	1.53	30.54	0	484	2,640	3,124	5.3
IEUA Rebate Program (ULFT)	227	2,566,696	7.88	157.54	0	227	13,620	13,847	4.6
High Efficiency Clothes Washers	244	2,194,411	6.73	101.02	0	244	26,840	27,084	5.7
Pool Cover Rebates	63	802,854	2.46	12.30	0	3,339	0	3,339	2
<b>Subtotal</b>	<b>678</b>	<b>7,192,173</b>	<b>22</b>	<b>371</b>	<b>0</b>	<b>4,494</b>	<b>49,100</b>	<b>53,594</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	116	1,311,615	4.03	80.50	0	3,944	6,960	10,904	4.2
<b>Subtotal</b>	<b>116</b>	<b>1,311,615</b>	<b>4</b>	<b>81</b>	<b>0</b>	<b>3,944</b>	<b>6,960</b>	<b>10,904</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Clothes Washers	16	143,896	0.44	6.62	0	0	4,000	4,000	5
Water Brooms (Rebates)	17	849,754	2.61	13.04	0	1,700	1,700	3,400	3.1
Water Brooms (Distribution)	1	49,986	0.15	0.77	0	0	100	100	1.2
Pre-Rinse Spray Nozzles	0	0	0.00	0.00	0	0	0	0	0
<b>Subtotal</b>	<b>34</b>	<b>1,043,636</b>	<b>3</b>	<b>20</b>	<b>0</b>	<b>1,700</b>	<b>5,800</b>	<b>7,500</b>	
<b>TOTAL</b>	<b>828</b>	<b>9,547,424</b>	<b>29</b>	<b>472</b>	<b>0</b>	<b>\$10,138</b>	<b>\$61,860</b>	<b>\$71,998</b>	

<b>FY 2002-2003</b>									
<b>Residential Programs</b>									
City Event (ULFT)	100	1,130,703	3.47	69.40	0	200	6,000	6,200	4.8
IEUA Regional Event (ULFT)	39	440,974	1.35	27.07	0	429	2,340	2,769	5.5
IEUA Rebate Program (ULFT)	12	135,684	0.42	8.33	0	12	720	732	4.3
High Efficiency Clothes Washers	239	2,149,444	6.60	98.95	0	239	26,290	26,529	5.7
Pool Cover Rebates	20	1,246,986	3.83	19.15	0	1,060	0	1,060	2.1
<b>Subtotal</b>	<b>410</b>	<b>5,103,791</b>	<b>16</b>	<b>223</b>	<b>0</b>	<b>1,940</b>	<b>35,350</b>	<b>37,290</b>	
<b>IEUA Multi-Family Direct Install Prog. (HET/ULFT)</b>									
Multi-Family Program	83	938,483	2.88	57.60	0	2,822	4,980	7,802	4.1
<b>Subtotal</b>	<b>83</b>	<b>938,483</b>	<b>3</b>	<b>58</b>	<b>0</b>	<b>2,822</b>	<b>4,980</b>	<b>7,802</b>	
<b>CII Save-A-Buck Rebate Program</b>									
High Efficiency Clothes Washers	18	161,883	0.50	7.45	0	0	4,500	4,500	5.0
Water Brooms	11	549,841	1.69	8.44	0	1,100	1,100	2,200	3.1
Pre-Rinse Spray Nozzles	65	84,721	0.26	1.30	0	0	3,250	3,250	0.5
X-Ray Film Processor (MWD CII)	0	0	0.00	0.00	0	0	0	0	0
Restaurant Table Tent Program	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Subtotal</b>	<b>94</b>	<b>796,445</b>	<b>2</b>	<b>17</b>	<b>0.00</b>	<b>1,100.00</b>	<b>8,850.00</b>	<b>9,950.00</b>	
<b>TOTAL</b>	<b>587</b>	<b>6,838,720</b>	<b>21</b>	<b>298</b>	<b>0</b>	<b>5,862</b>	<b>49,180</b>	<b>55,042</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$



West Valley Water District  
Regional Water Use Efficiency Programs  
Summary Charts

# West Valley Water District

## IEUA Regional Conservation Programs Annual Report

Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				IEUA Payback Period (years) <sup>(1)</sup>
					Outside Funding	IEUA	MWD	Total	
<b>FY 2020-2021</b>									
<b>SoCal Water\$mart Residential Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
High Efficiency Clothes Washers (HECW)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads (0 Apps/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather based Irrigation Controllers (WBIC)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Hose Bib Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Replacement (0 Apps)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rain Barrels	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cisterns	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>IEUA Locally Implemented Residential Programs</b>									
Landscape Tune-Up Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Residential Landscape Retrofit Program (0 WBIC/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Res. Education, Survey, and Controller Upgrade Program (0 WBIC)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Residential Pressure Regulation Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Leak Detection Pilot Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>SoCal Water\$mart Commercial Rebates</b>									
High Efficiency Toilets (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Waterless Urinals	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Cooling Tower Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Weather Based Irrigation Controllers (WBIC)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Rotating Nozzles for Pop-up Spray Heads (0 App/ 0 Nozzles)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Large Rotary Nozzles	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Central Computerized Irrigation Controller	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Laminar Flow Restrictor	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Air-Cooled Ice Machine	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Turf Replacement (0 Apps)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Plumbing Flow Control	0	0	0	0	\$0	\$0	\$0	\$0	0.0
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	

<sup>(1)</sup> Payback period =  $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$



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