



Inland Empire Utilities Agency
IEUA Regional Conservation Programs Annual Report

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	
FY 2019-2020									
SoCal WaterSmart Residential Rebates									
High Efficiency Toilets (HET)	521	4,176,930	13	256	\$0.00	\$31,260.00	\$20,840.00	\$52,100.00	2.9
High Efficiency Clothes Washers (HECW)	429	4,823,483	15	207	\$1,580.00	\$32,175.00	\$36,465.00	\$70,220.00	2.6
Rotating Nozzles for Pop-up Spray Heads (27 Apps/ 1,275 Nozzles)	27	1,828,299	6	28	\$0.00	\$3,825.00	\$2,550.00	\$6,375.00	0.8
Weather based Irrigation Controllers (WBIC)	578	7,798,526	24	239	\$0.00	\$46,240.00	\$46,240.00	\$92,480.00	2.3
Turf Replacement (123 Apps)	184,286	7,924,298	24	243	\$18,222.50	\$152,332.00	\$360,644.00	\$531,198.50	7.5
Rain Barrels	9	5,573	0	0	\$0.00	\$0.00	\$315.00	\$315.00	0.0
Cisterns	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	0.0
Soil Moisture Sensor Systems	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	0.0
IEUA Locally Implemented Residential Programs									
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
Subtotal	187,346	74,931,359	230	1616	\$22,778	\$736,697	\$782,388	\$1,541,863	
SoCal WaterSmart Commercial Rebates									
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)	318,778	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
Subtotal	323,026	43,856,333	135	1,464	\$89,866	\$275,376	\$700,606	\$1,065,848	
TOTAL	510,372	118,787,691	364	3,081	\$112,644	\$1,012,073	\$1,482,994	\$2,607,711	

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

IEUA/CBWCD Landscape Evaluation Program									
Residential, Commercial, Industrial, and Institutional Audits	144	13,863,786	43	213	\$15,937	\$9,697	\$9,810	\$35,444.00	0.3
TOTAL	510,516	132,651,477	408	3,292	\$128,581	\$1,021,770	\$1,492,804	\$2,643,155	

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	
FY 2018-2019									
SoCal WaterSmart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	2,415	49,878,166	153	1,454	\$131,443	\$376,611	\$438,631	\$946,684	
SoCal WaterSmart Commercial Rebates									
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
Subtotal	1,120	6,320,992	19	312	\$0	\$74,653	\$65,894	\$140,547	
TOTAL	3,535	56,199,158	172	1,766	\$131,443	\$451,264	\$504,525	\$1,087,231	

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

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

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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2017-2018									
SoCal Water\$mart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	18,611	66,227,202	203	1938	\$51,732	\$353,205	\$326,673	\$731,610	
SoCal Water\$mart Commercial Rebates									
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
IEUA Locally Implemented Commercial Programs									
FreeSprinklerNozzles.com Program	14,050	19,480,086	60	299	0	40,077	28,100	68,177	1.5
Subtotal	31,078	48,905,304	150	1,046	\$0	\$129,267	\$95,535	\$224,802	
TOTAL	49,689	115,132,505	353	2,985	\$51,732	\$482,472	\$422,208	\$956,412	

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

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

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Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2016-2017									
SoCal WaterSmart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	12,890	72,812,551	228	3,004	\$75,673	\$371,997	\$857,344	\$1,305,014	
SoCal WaterSmart Commercial Rebates									
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
IEUA Locally Implemented Commercial Programs									
FreeSprinklerNozzles.com Program	4,090	5,331,724	16	82	\$0	\$12,270	\$8,180	\$20,450	1.7
Subtotal	11,231	47,362,000	145	1,401	\$0	\$196,052	\$983,828	\$1,179,880	
TOTAL	24,121	120,174,550	373	4,406	\$75,673	\$568,049	\$1,841,172	\$2,484,894	

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

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

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Program	District Devices/ Rebates	Gallons Saved (year)	AF Saved (year)	AF Saved Lifetime	Funding Sources (dollars)				Payback Period (years) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2015-2016									
SoCal WaterSmart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	20,552	304,641,696	935	10,408	\$252,272	\$228,670	\$3,785,370	\$4,266,312	
SoCal WaterSmart Commercial Rebates									
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
IEUA Locally Implemented Commercial Programs									
FreeSprinklerNozzles.com Program	10,890	14,209,240	44	218	\$0	\$17,212	\$21,780	\$38,992	1.2
Subtotal	45,316	310,657,592	953	11,690	\$0	\$1,603,371	\$6,564,567	\$8,167,938	
TOTAL	65,868	615,299,287	1,888	22,098	\$252,272	\$1,832,041	\$10,349,937	\$12,434,250	

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

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

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					Outside Funding	IEUA	MWD	Total	
FY 2014-2015									
SoCal Water\$mart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	21,202	130,817,943	401	4,278	\$156,992	\$257,339	\$929,946	\$1,344,277	
SoCal Water\$mart Commercial Rebates									
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
Subtotal	33,107	127,419,867	391	4,189	\$0	\$1,194,764	\$2,608,423	\$3,803,187	
IEUA Locally Implemented Commercial Programs									
FreeSprinklerNozzles.com Program	30,456	39,696,472	122	609	\$0	\$0	\$109,642	\$109,642	1.2
TOTAL	84,765	297,934,282	914	9,076	\$156,992	\$1,452,103	\$3,648,011	\$5,257,105	

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

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

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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2013-2014									
SoCal Water\$mart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	14,805	84,576,308	260	2,614	\$93,271	\$204,273	\$334,402	\$631,946	
IEUA High Efficiency Toilet (HET) Installation Prog.									
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
Subtotal	0	0	0	0	\$0	\$0	\$0	\$0	
SoCal Water\$mart Commercial Rebates									
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
Subtotal	4,677	31,232,981	96	952	\$0	\$53,359	\$115,274	\$168,633	
IEUA Locally Implemented Commercial Programs									
FreeSprinklerNozzles.com Program	23,032	30,020,001	92	461	\$0	\$0	\$74,854	\$74,854	1.1
TOTAL	42,514	145,829,290	448	4,026	\$93,271	\$257,632	\$524,530	\$875,433	

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

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

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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2012-2013									
SoCal Water\$mart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	19,587	77,076,633	237	1,937	\$85,033	\$93,232	\$254,578	\$432,843	
IEUA High Efficiency Toilet (HET) Installation Prog.									
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
Subtotal	1,740	24,096,681	74	1,479	\$127,612	\$62,048	\$87,000	\$276,660	
SoCal Water\$mart Commercial Rebates									
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
IEUA Locally Implemented Commercial Programs									
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
Subtotal	40,261	109,456,446	336	3,960	\$206,033	\$28,376	\$201,225	\$435,634	
TOTAL	61,588	210,629,761	646	7,376	\$418,678	\$183,656	\$542,803	\$1,145,137	

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

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

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) ⁽¹⁾
					DWR/Other	IEUA	MWD	Total	
FY 2011-2012									
Residential Rebate Programs									
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
Subtotal	42,063	76,774,862	236	1684	\$0	\$19,070	\$195,794	\$214,864	
IEUA Multi-Family Direct Install Prog. (HET)									
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
Subtotal	2,892	40,050,346	123	2458	\$212,099	\$103,129	\$144,600	\$459,828	
CII Save-A-Buck Rebate Program									
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
Subtotal	16,561	59,197,221	182	1,851	\$339,942	\$23,479	\$141,314	\$504,735	
TOTAL	61,516	176,022,429	540	5,993	\$552,041	\$145,678	\$481,708	\$1,179,427	

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

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

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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2010-2011									
Residential Rebate Programs									
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
Subtotal	28,938	82,229,928	252	2,283	\$0	\$58,384	\$308,941	\$367,325	
IEUA Multit-Family Direct Install Prog. (HET)									
IEUA Multit-Family Direct Install Prog. (HET)	1,428	19,775,897	61	1,214	\$104,730	\$50,922	\$71,400	\$227,052	7.5
Subtotal	1,428	19,775,897	61	1,214	\$104,730	\$50,922	\$71,400	\$227,052	
CII Save-A-Buck Rebate Program									
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
Subtotal	5,288	50,663,096	155	1,579	\$321,643	\$29,269	\$125,982	\$476,894	
TOTAL	35,654	152,668,921	468	5,075	\$426,373	\$138,575	\$506,323	\$1,071,271	

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

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

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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2009-2010									
Residential Rebate Programs									
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
Subtotal	1,608	17,724,431	54	806	\$0	\$65,910	\$95,794	\$161,704	
IEUA Mult-Family Direct Install Prog. (HET)									
IEUA Mult-Family Direct Install Prog. (HET)	410	5,677,954	17	349	\$30,069	\$14,621	\$67,650	\$112,340	12.9
Subtotal	410	5,677,954	17	349	\$30,069	\$14,621	\$67,650	\$112,340	
CII Save-A-Buck Rebate Program									
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
Subtotal	12,056	41,659,822	128	1,533	\$0	\$73,485	\$273,182	\$346,667	
TOTAL	14,074	65,062,206	200	2,687	\$30,069	\$154,015	\$436,626	\$620,711	

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

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

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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2008-2009									
Residential Rebate Programs									
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
Subtotal	4,490	54,005,189	166	2,695	\$0	\$237,194	\$512,117	\$749,311	
IEUA Mult-Family Direct Install Prog. (HET)									
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
Subtotal	1,682	23,293,459	71	1,430	\$123,358	\$59,980	\$277,530	\$460,868	
CII Save-A-Buck Rebate Program									
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
Subtotal	2,168	44,496,974	137	2,392	\$0	\$212,443	\$436,343	\$648,785	
MWD Public Sector Program									
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
Subtotal	645	187,786,338	589	5,859	\$0	\$0	\$2,383,175	\$2,383,175	
TOTAL	8,985	309,581,960	963	12,376	\$123,358	\$509,617	\$3,609,165	\$4,242,139	

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

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

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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2007-2008									
Residential Rebate Programs									
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
Subtotal	3,056	24,569,928	75	1,025	\$0	\$65,603	\$217,478	\$283,081	
IEUA Mult-Family Direct Install Prog. (HET/ULFT)									
IEUA Mult-Family Direct Install Prog. (HET/ULFT)	4,213	52,029,509	160	1,597	\$308,981	\$150,236	\$252,780	\$711,997	9.7
Subtotal	4,213	52,029,509	160	1,597	\$308,981	\$150,236	\$252,780	\$711,997	
CII Save-A-Buck Rebate Program									
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
Subtotal	2,667	56,077,980	172	3,242	\$0	\$284,438	\$587,443	\$871,880	
MWD Public Sector Program									
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
Subtotal	232	23,169,440	71	705	\$0	\$0	\$260,472	\$260,472	
TOTAL	10,168	155,846,856	478	6,568	\$308,981	\$500,276	\$1,318,173	\$2,127,430	

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

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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2006-2007									
Residential Programs									
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
Subtotal	2,170	54,147,215	166	1,933	\$0	\$5,280	\$255,682	\$260,962	
IEUA Mult-Family Direct Install Prog. (HET/ULFT)									
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
Subtotal	10,132	125,127,696	384	7,680	\$673,848	\$327,644	\$551,280	\$1,552,772	
CII Save-A-Buck Rebate Program									
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
Subtotal	642	12,464,941	38	653	\$0	\$15,590	\$121,600	\$137,190	
TOTAL	12,944	191,739,852	588	10,266	\$673,848	\$348,514	\$928,562	\$1,950,924	

⁽¹⁾ 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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2005-2006									
Residential Programs									
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
Subtotal	3,536	39,087,424	120	2,211	\$0	\$12,409	\$271,890	\$284,427	
IEUA Mult-Family Direct Install Prog. (HET/ULFT)									
Multi-Family Program	6000	74,098,517	227	4,548	\$0	\$495,004	\$287,160	\$782,164	8.1
Subtotal	6,000	74,098,517	227	4,548	\$0	\$495,004	\$287,160	\$782,164	8.1
CII Save-A-Buck Rebate Program									
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
Subtotal	1,241	17,218,521	53	1,003	\$0	\$914	\$89,030	\$79,086	
TOTAL	10,777	130,404,462	400	7,761	\$0	\$507,413	\$648,080	\$1,145,677	
FY 2004-2005									
Residential Programs									
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
Subtotal	4,111	44,707,527	137	2,438	\$0	\$21,041	\$337,580	\$358,621	
IEUA Mult-Family Direct Install Prog. (HET/ULFT)									
Multi-Family Program	4187	51,708,415	159	3,174	\$0	\$439,635	\$251,220	\$690,855	10.2
Subtotal	4,187	51,708,415	159	3,174	\$0	\$439,635	\$251,220	\$690,855	10.2
CII Save-A-Buck Rebate Program									
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
Subtotal	40	7,021,470	22	118	\$0	\$0	\$19,550	\$19,550	
TOTAL	8,338	103,437,412	317	5,729	\$0	\$460,676	\$608,350	\$1,069,026	

⁽¹⁾ 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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2003-2004									
Residential Programs									
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
Subtotal	6,443	77,168,686	237	4,196	\$0	\$35,989	\$466,010	\$501,999	
IEUA Mult-Family Direct Install Prog. (HET/ULFT)									
Multi-Family Program	2,101	25,946,831	80	1,593	\$0	\$71,434	\$126,060	\$197,494	5.8
Subtotal	2,101	25,946,831	80	1,593	\$0	\$71,434	\$126,060	\$197,494	
CII Save-A-Buck Rebate Program									
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
Subtotal	434	17,143,608	53	309	\$0	\$30,700	\$60,050	\$90,750	
TOTAL	8,978	120,259,124	369	6,098	\$0	\$138,123	\$652,120	\$790,243	

FY 2002-2003									
Residential Programs									
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
Subtotal	4,572	58,862,963	181	2,961	\$0	\$28,955	\$342,000	\$370,955	
IEUA Mult-Family Direct Install Prog. (HET/ULFT)									
Multi-Family Program	891	11,003,630	34	675	\$0	\$33,728	\$59,520	\$93,248	6.5
Subtotal	891	11,003,630	34	675	\$0	\$33,728	\$59,520	\$93,248	
CII Save-A-Buck Rebate Program									
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
Subtotal	685	41,018,645	126	670	\$0	\$6,600	\$92,700	\$99,300	
TOTAL	6,148	110,885,238	340	4,306	\$0	\$69,283	\$494,220	\$563,503	

⁽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

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	
FY 2019-2020									
SoCal Water\$mart Residential Rebates									
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 (5 Apps)	6,839	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
IEUA Locally Implemented Residential Programs									
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
Subtotal	6,950	1,942,544	6	59	0	17,300	23,427	40,727	
SoCal Water\$mart Commercial Rebates									
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 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
Subtotal	59	248,042	1	8	\$0	\$885	\$2,065	\$2,950	
TOTAL	7,009	2,190,587	7	67	\$0	\$18,185	\$25,492	\$43,677	

(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)				IEUA Payback Period (years)
					Outside Funding	IEUA	MWD	Total	
FY 2018-2019									
SoCal Water\$mart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	116	1,475,142	8	59	\$541	\$12,694	\$18,755	\$31,990	5.2
SoCal Water\$mart Commercial Rebates									
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
Subtotal	4	16,816	0	1	\$0	\$60	\$140	\$200	
TOTAL	120	1,491,959	8	59	\$541	\$12,754	\$18,895	\$32,190	

⁽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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2017-2018									
SoCal Water\$mart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	294	1,730,685	5	60	\$958	\$10,889	\$11,215	\$23,062	
SoCal Water\$mart Commercial Rebates									
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 Contro	0	0	0	0	\$0	\$0	\$0	\$0	0.0
IEUA Locally Implemented Commercial Programs									
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	
TOTAL	376	2,380,465	7	100	\$958	\$15,689	\$14,415	\$31,062	

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

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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2016-2017									
SoCal WaterSmart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	362	2,742,944	8	100	\$510	\$5,466	\$55,662	\$61,639	
SoCal WaterSmart Commercial Rebates									
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
IEUA Locally Implemented Commercial Programs									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Subtotal	114	6,024,180	18	212	\$0	\$5,263	\$155,448	\$160,711	
TOTAL	476	8,767,124	27	312	\$510	\$10,729	\$211,111	\$222,350	

⁽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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2015-2016									
SoCal WaterSmart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	563	13,487,825	41	494	\$17,764	\$14,218	\$130,585	\$162,567	
SoCal WaterSmart Commercial Rebates									
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
IEUA Locally Implemented Commercial Programs									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Subtotal	7,849	34,595,419	106	1,051	\$0	\$122,865	\$678,255	\$801,121	
TOTAL	8,412	48,083,244	148	1,546	\$17,764	\$137,084	\$808,840	\$963,688	

⁽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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2014-2015									
SoCal WaterSmart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	652	9,998,208	31	337	\$29,305	\$29,468	\$83,843	\$142,615	
SoCal WaterSmart Commercial Rebates									
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
IEUA Locally Implemented Commercial Programs									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Subtotal	3,278	11,414,752	35	374	\$0	\$63,463	\$119,956	\$183,420	
TOTAL	3,930	21,412,960	66	712	\$29,305	\$92,931	\$203,799	\$326,035	

⁽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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2013-2014									
SoCal Water\$mart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	416	1,516,404	5	56	\$0	\$15,034	\$17,948	\$32,982	
SoCal Water\$mart Commercial Rebates									
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
IEUA Locally Implemented Commercial Programs									
FreeSprinklerNozzles.com Program	660	860,247	3	13	\$0	\$0	\$2,145	\$2,145	1.1
Subtotal	717	1,352,933	4	27	\$0	\$819	\$3,813	\$4,633	
TOTAL	1,133	2,869,337	9	83	\$0	\$15,853	\$21,761	\$37,615	

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

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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2012-2013									
SoCal Water\$mart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	864	2,511,982	8	77	\$1,412	\$11,680	\$18,616	\$31,708	
IEUA High Efficiency Toilet (HET) Installation Prog.									
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
Subtotal	102	1,412,564	4	87	\$7,481	\$3,637	\$5,100	\$16,218	
SoCal Water\$mart Commercial Rebates									
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
IEUA Locally Implemented Commercial Programs									
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
Subtotal	3,342	4,407,200	14	70	1	\$150	\$10,270	\$10,421	
TOTAL	4,308	8,331,746	26	234	\$8,894	\$15,467	\$33,986	\$58,347	

⁽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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2011-2012									
Residential Rebate Programs									
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
Subtotal	1,231	2,782,853	9	81	\$0	\$90	\$14,470	\$14,560	
IEUA Mulit-Family Direct Install Prog. (HET)									
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
Subtotal	84	1,163,288	4	71	\$6,161	\$2,995	\$4,200	\$13,356	
CII Save-A-Buck Rebate Program									
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
Subtotal	1,861	2,657,706	8	52	\$0	\$300	\$6,765	\$7,065	
TOTAL	3,176	6,603,847	20	204	\$6,161	\$3,385	\$25,435	\$34,981	

⁽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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2010-2011									
Residential Rebate Programs									
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
Subtotal	344	2,172,104	7	93.49	\$0	\$670	\$21,295	\$21,965	
IEUA Multi-Family Direct Install Prog. (HET)									
IEUA Multi-Family Direct Install Prog. (HET)	1	13,849	0.04	0.85	\$73	\$36	\$50	\$159	0.0
Subtotal	1	13,849	0.04	0.85	\$73	\$36	\$50	\$159	
CII Save-A-Buck Rebate Program									
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
Subtotal	111	4,437,993	14	272	\$0	\$5,550	\$22,200	\$27,750	
TOTAL	456	6,623,945	20	367	\$73	\$6,256	\$43,545	\$49,874	

⁽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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2009-2010									
Residential Rebate Programs									
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
Subtotal	200	2,646,386	8	150	\$0	\$8,272	\$13,241	\$21,513	
IEUA Multi-Family Direct Install Prog. (HET)									
IEUA Multi-Family Direct Install Prog. (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Subtotal	0	0	0	0	\$0	\$0	\$0	\$0	
CII Save-A-Buck Rebate Program									
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
Subtotal	117	2,104,346	6	126	\$0	\$13,755	\$22,865	\$36,620	
TOTAL	317	4,750,732	15	276	\$0	\$22,027	\$36,106	\$58,133	

⁽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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2008-2009									
Residential Rebate Programs									
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
Subtotal	318	3,962,042	12	208	\$0	\$9,170	\$41,050	\$50,220	
IEUA Multi-Family Direct Install Prog. (HET)									
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
Subtotal	235	3,254,437	10	200	\$17,235	\$8,380	\$38,775	\$64,390	
CII Save-A-Buck Rebate Program									
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
Subtotal	81	3,141,562	10	132	\$0	\$3,810	\$22,382	\$26,192	
MWD Public Sector Program									
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
Subtotal	45	15,241,283	47	468	\$0	\$0	\$229,275	\$229,275	
TOTAL	679	25,599,324	79	1,008	\$17,235	\$21,360	\$331,482	\$370,077	

⁽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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2007-2008									
Residential Rebate Programs									
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
Subtotal	201	1,732,713	5	78	\$0	\$665	\$19,813	\$20,477	
IEUA Multi-Family Direct Install Prog. (HET/ULFT)									
IEUA Multi-Family Direct Install Prog. (HET/ULFT)	28	345,793	1.06	21.22	\$2,054	\$998	\$1,680	\$4,732	10.4
Subtotal	28	345,793	1	21	\$2,054	\$998	\$1,680	\$4,732	
CII Save-A-Buck Rebate Program									
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
Subtotal	250	7,173,284	22	398	\$0	\$30,450	\$71,190	\$101,640	
MWD Public Sector Program									
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
Subtotal	93	4,138,471	13	157	\$0	\$0	\$78,435	\$78,435	
TOTAL	572	13,390,260	41	655	\$2,054	\$32,113	\$171,118	\$205,284	

⁽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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2006-2007									
Residential Rebate Programs									
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
Subtotal	187	10,503,253	32	388	\$0	\$320	\$23,600	\$23,920	
IEUA Multi-Family Direct Install Prog. (HET/ULFT)									
Multi-Family Toilet Program (HET/ULFT)	944	10,673,836	32.76	655.14	\$69,233	\$33,663	\$56,640	\$159,536	11.4
Subtotal	944	10,673,836	33	655	\$69,233	\$33,663	\$56,640	\$159,536	
CII Save-A-Buck Rebate Program									
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
Subtotal	28	12,008,815	37	704	\$69,233	\$35,343	\$62,045	\$166,621	
TOTAL	1,159	33,185,904	102	1,747	\$138,466	\$69,326	\$142,285	\$350,077	

(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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2005-2006									
Residential Programs									
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
Subtotal	161	1,524,298	5	76	\$0	\$161	\$16,060	\$16,221	
IEUA Multi-Family Direct Install Prog. (HET/ULFT)									
Multi-Family Program	145	1,639,519	5.03	100.63	\$0	\$15,225	\$8,700	\$23,925	11.1
Subtotal	145	1,639,519	5	101	\$0	\$15,225	\$8,700	\$23,925	
CII Save-A-Buck Rebate Program									
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
Subtotal	0	0	0	0	\$0	\$0	\$0	\$0	
TOTAL	306	3,163,818	10	177	\$0	\$15,386	\$24,760	\$40,146	

FY 2004-2005									
Residential Programs									
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
Subtotal	483	5,044,804	15	278	\$0	\$3,014	\$38,370	\$41,384	
IEUA Multi-Family Direct Install Prog. (HET/ULFT)									
Multi-Family Program	8	90,456	0.28	5.55	\$0	\$840	\$480	\$1,320	11.1
Subtotal	8	90,456	0	6	\$0	\$840	\$480	\$1,320	
CII Save-A-Buck Rebate Program									
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
Subtotal	18	161,883	0	7	\$0	\$0	\$4,500	\$4,500	
TOTAL	509	5,297,143	16	291	\$0	\$3,854	\$43,350	\$47,204	

⁽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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2003-2004									
Residential Programs									
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
Subtotal	572	6,709,653	21	357	\$0	\$2,075	\$39,440	\$41,515	
IEUA Multi-Family Direct Install Prog. (HET/ULFT)									
Multi-Family Program	106	1,198,545	3.68	73.56	\$0	\$3,604	\$6,360	\$9,964	4.2
Subtotal	106	1,198,545	4	74	\$0	\$3,604	\$6,360	\$9,964	
CII Save-A-Buck Rebate Program									
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
Subtotal	44	1,461,507	4	27	\$0	\$2,400	\$7,100	\$9,500	
TOTAL	722	9,369,705	29	458	\$0	\$8,079	\$52,900	\$60,979	

FY 2002-2003									
Residential Programs									
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
Subtotal	569	7,104,190	22	361	\$0	\$2,569	\$38,990	\$41,559	
IEUA Multi-Family Direct Install Prog. (HET/ULFT)									
Multi-Family Program	158	1,786,511	5.48	109.65	\$0	\$5,372	\$9,480	\$14,852	4.2
Subtotal	158	1,786,511	5	110	\$0	\$5,372	\$9,480	\$14,852	
CII Save-A-Buck Rebate Program									
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
Subtotal	120	5,083,210	16	90	\$0	\$900	\$22,650	\$23,550	
TOTAL	847	13,973,911	43	560	\$0	\$8,841	\$71,120	\$79,961	

⁽¹⁾ 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

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	
FY 2019-2020									
SoCal Water\$mart Residential Rebates									
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 (18 Apps)	19,357	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
IEUA Locally Implemented Residential Programs									
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
Subtotal	20,113	25,370,633	78	380	\$808	\$231,319	\$148,562	\$380,690	
SoCal Water\$mart Commercial Rebates									
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 (6 Apps)	77,620	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 Contro	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Subtotal	77,628	3,371,293	10	103	\$10,000	\$45,943	\$155,520	\$211,463	
TOTAL	97,741	28,741,926	88	483	\$10,808	\$277,262	\$304,082	\$592,153	

(1) 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	
FY 2018-2019									
SoCal Water\$mart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	300	6,073,181	8	197	\$11,105	\$47,656	\$48,500	\$107,261	17.3
SoCal Water\$mart Commercial Rebates									
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
Subtotal	15	63,062	0	2	\$0	\$3,833	\$525	\$4,358	
TOTAL	315	6,136,243	9	199	\$11,105	\$51,489	\$49,025	\$111,618	

⁽¹⁾ 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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2017-2018									
SoCal Water\$mart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	451	8,327,194	26	248	\$25,866	\$52,338	\$59,523	\$137,727	
SoCal Water\$mart Commercial Rebates									
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
IEUA Locally Implemented Commercial Programs									
FreeSprinklerNozzles.com Program (\$0 Total Cost)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Subtotal	288	394,209	1	0	\$0	\$2,880	\$1,440	\$4,320	
TOTAL	739	8,721,403	27	248	\$25,866	\$55,218	\$60,963	\$142,047	

⁽¹⁾ 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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2016-2017									
SoCal WaterSmart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	533	6,770,187	21	206	\$19,125	\$23,720	\$68,138	\$110,983	
SoCal WaterSmart Commercial Rebates									
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
IEUA Locally Implemented Commercial Programs									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Subtotal	5,182	12,621,080	39	273	\$0	\$69,565	\$150,095	\$219,660	
TOTAL	5,715	19,391,267	60	479	\$19,125	\$93,285	\$218,233	\$330,643	

⁽¹⁾ 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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2015-2016									
SoCal Water\$mart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	982	20,276,046	62	769	\$6,354	\$12,972	\$266,261	\$285,587	
SoCal Water\$mart Commercial Rebates									
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
IEUA Locally Implemented Commercial Programs									
FreeSprinklerNozzles.com Program	544	709,158	2	11	\$0	\$1,243	\$1,088	\$2,331	1.5
Subtotal	1,410	18,221,763	56	537	\$0	\$226,223	\$591,770	\$817,993	
TOTAL	2,392	38,497,809	118	1,306	\$6,354	\$239,195	\$858,031	\$1,103,581	

⁽¹⁾ 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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2014-2015									
SoCal WaterSmart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	1,736	19,809,004	61	728	\$44,560	\$47,203	\$115,326	\$207,089	
SoCal WaterSmart Commercial Rebates									
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
IEUA Locally Implemented Commercial Programs									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Subtotal	406	23,573,550	72	717	\$0	\$495,146	\$1,109,384	\$1,604,531	
TOTAL	2,142	43,382,553	133	1,444	\$44,560	\$542,349	\$1,224,710	\$1,811,620	

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

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)				Payback Period (years) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2013-2014									
SoCal Water\$mart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	751	9,838,203	30	331	\$16,455	\$27,342	\$43,648	\$87,445	
SoCal Water\$mart Commercial Rebates									
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
IEUA Locally Implemented Commercial Programs									
FreeSprinklerNozzles.com Program	2,635	3,434,470	11	53	\$0	\$0	\$8,564	\$8,564	1.1
Subtotal	4,492	11,293,996	35	258	\$0	\$9,739	\$46,200	\$55,940	
TOTAL	5,243	21,132,198	65	588	\$16,455	\$37,081	\$89,847	\$143,384	

⁽¹⁾ 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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2012-2013									
SoCal Water\$mart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	3,727	11,972,092	37	278	\$12,978	\$12,692	\$33,288	\$58,957	
IEUA High Efficiency Toilet (HET) Installation Prog.									
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
Subtotal	81	1,121,742	3	69	\$5,941	\$2,888	\$4,050	\$12,879	
SoCal Water\$mart Commercial Rebates									
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
IEUA Locally Implemented Commercial Programs									
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
Subtotal	3,487	5,486,353	17	99	\$0	\$7,235	\$21,092	\$28,328	
TOTAL	7,295	18,580,187	57	446	\$18,918	\$22,815	\$58,430	\$100,164	

⁽¹⁾ 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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2011-2012									
Residential Rebate Programs									
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
Subtotal	2,265	5,468,888	17	159	\$0	\$377	\$25,248	\$25,625	
IEUA Multi-Family Direct Install Prog. (HET)									
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
Subtotal	33	457,006	1	28	\$2,420	\$1,177	\$1,650	\$5,247	
CII Save-A-Buck Rebate Program									
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
Subtotal	0	0	0	0	\$0	\$0	\$0	\$0	
TOTAL	2,298	5,925,894	18	187	\$2,420	\$1,554	\$26,898	\$30,872	

⁽¹⁾ 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) ⁽¹⁾	
					Outside Funding	IEUA	MWD		Total
FY 2010-2011									
Residential Rebate Programs									
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
Subtotal	583	4,226,235	13	192	\$0	\$1,075	\$40,270	\$41,345	
IEUA Multi-Family Direct Install Prog. (HET)									
IEUA Multi-Family Direct Install Prog. (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Subtotal	0	0	0	0	\$0	\$0	\$0	\$0	
CII Save-A-Buck Rebate Program									
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
Subtotal	82	3,448,383	11	202	\$0	\$4,550	\$17,950	\$22,500	
TOTAL	665	7,674,618	24	394	\$0	\$5,625	\$58,220	\$63,845	

⁽¹⁾ 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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2009-2010									
Residential Rebate Programs									
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
Subtotal	552	3,144,449	10	148	\$0	\$12,859	\$20,811	\$33,670	
IEUA Multi-Family Direct Install Prog. (HET)									
IEUA Multi-Family Direct Install Prog. (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Subtotal	0	0	0	0	\$0	\$0	\$0	\$0	
CII Save-A-Buck Rebate Program									
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
Subtotal	10	1,059,016	3	33	\$0	\$3,960	\$6,600	\$10,560	
TOTAL	562	4,203,465	13	181	\$0	\$16,819	\$27,411	\$44,230	

⁽¹⁾ 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) ⁽¹⁾	
					Outside Funding	IEUA	MWD		Total
FY 2008-2009									
Residential Rebate Programs									
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
Subtotal	353	5,038,204	15	212	\$0	\$33,957	\$43,017	\$76,974	
IEUA Multi-Family Direct Install Prog. (HET)									
IEUA Multi-Family Direct Install Prog. (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Subtotal	0	0	0	0	\$0	\$0	\$0	\$0	
CII Save-A-Buck Rebate Program									
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
Subtotal	402	5,902,954	18	338	\$0	\$52,745	\$64,855	\$117,600	
MWD Public Sector Program									
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
Subtotal	347	112,165,735	344	3,442	\$0	\$0	\$1,411,069	\$1,411,069	
Grand Total	1,102	123,106,892	378	3,992	\$0	\$0	\$1,518,940	\$1,605,642	

⁽¹⁾ 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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2007-2008									
Residential Rebate Programs									
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
Subtotal	269	2,632,283	8	123	\$0	\$2,211	\$30,237	\$32,448	
IEUA Multi-Family Direct Install Prog. (HET/ULFT)									
IEUA Multi-Family Direct Install Prog. (HET/ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Subtotal	0	0	0	0	\$0	\$0	\$0	\$0	
CII Save-A-Buck Rebate Program									
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
Subtotal	14	559,747	2	34	\$0	\$0	\$5,600	\$5,600	
MWD Public Sector Program									
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
Subtotal	45	2,249,349	7	35	\$0	\$0	\$17,100	\$17,100	
TOTAL	328	5,441,379	17	191	\$0	\$2,211	\$52,937	\$55,148	

⁽¹⁾ 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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2006-2007									
Residential Rebate Programs									
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
Subtotal	252	9,081,793	28	379	\$0	\$640	\$27,970	\$28,610	
IEUA Multi-Family Direct Install Prog. (HET/ULFT)									
Multi-Family Toilet Program (HET/ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Subtotal	0	0	0	0	\$0	\$0	\$0	\$0	
CII Save-A-Buck Rebate Program									
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
Subtotal	0	0	0	0	\$0	\$0	\$0	\$0	
TOTAL	252	9,081,793	28	379	\$0	\$640	\$27,970	\$28,610	

⁽¹⁾ 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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2005-2006									
Residential Programs									
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
Subtotal	279	2,659,563	8	134	\$0	\$260	\$22,100	\$22,360	
IEUA Multi-Family Direct Install Prog. (HET/ULFT)									
Multi-Family Program	1,175	13,285,760	40.77	815.45	\$0	\$3,604	\$6,360	\$9,964	0.6
Subtotal	1,175	13,285,760	41	815	\$0	\$3,604	\$6,360	\$9,964	
CII Save-A-Buck Rebate Program									
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
Subtotal	0	0	0	0	\$0	\$0	\$0	\$0	
TOTAL	1,454	15,945,323	49	949	\$0	\$3,864	\$28,460	\$32,324	

FY 2004-2005									
Residential Programs									
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
Subtotal	399	3,835,897	12	188	\$0	\$781	\$38,930	\$39,711	
IEUA Multi-Family Direct Install Prog. (HET/ULFT)									
Multi-Family Program	530	5,992,726	18.39	367.82	\$0	\$55,650	\$31,800	\$87,450	11.1
Subtotal	530	5,992,726	18	368	\$0	\$55,650	\$31,800	\$87,450	
CII Save-A-Buck Rebate Program									
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
Subtotal	0	0	0	0	\$0	\$0	\$0	\$0	
TOTAL	929	9,828,623	30	556	\$0	\$56,431	\$70,730	\$127,161	

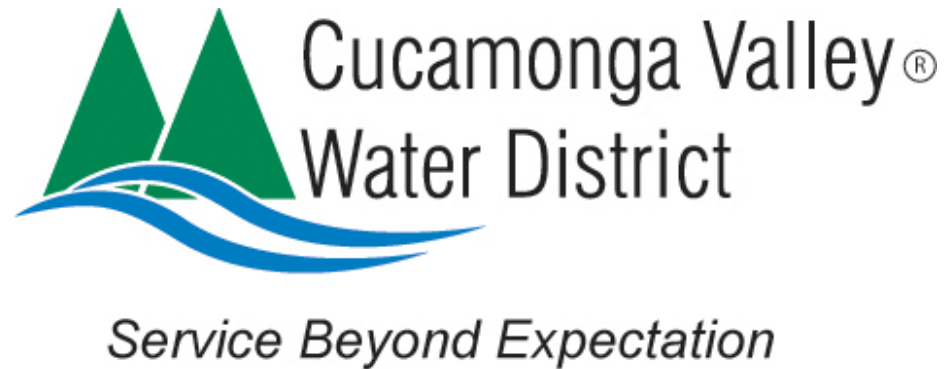
⁽¹⁾ Payback period = $\frac{\text{Total direct program costs}}{\text{AF saved/year} \times \text{MWD Tier II rate/AF}}$

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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2003-2004									
Residential Programs									
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
Subtotal	446	5,069,286	16	242	\$0	\$1,568	\$37,150	\$38,718	
IEUA Multi-Family Direct Install Prog. (HET/ULFT)									
Multi-Family Program	25	282,676	0.87	17.35	\$0	\$850	\$1,500	\$2,350	4.3
Subtotal	25	282,676	1	17	\$0	\$850	\$1,500	\$2,350	
CII Save-A-Buck Rebate Program									
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
Subtotal	19	949,725	3	15	\$0	\$1,900	\$1,900	\$3,800	
TOTAL	490	6,301,687	19	274	\$0	\$4,318	\$40,550	\$44,868	

FY 2002-2003									
Residential Programs									
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
Subtotal	302	3,896,024	12	154	\$0	\$2,186	\$26,450	\$28,636	
IEUA Multi-Family Direct Install Prog. (HET/ULFT)									
Multi-Family Program	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0
Subtotal	0	0	0	0	\$0	\$0	\$0	\$0	
CII Save-A-Buck Rebate Program									
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
Subtotal	21	270,782	1	4	\$0	\$900	\$1,700	\$2,600	
TOTAL	323	4,166,806	13	158	\$0	\$3,086	\$28,150	\$31,236	

⁽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 Regional Conservation Programs Annual Report

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	
FY 2019-2020									
SoCal Water\$mart Residential Rebates									
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 (40 Apps)	70,850	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
IEUA Locally Implemented Residential Programs									
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
Subtotal	71,547	15,983,770	49	382	1,080	183,838	238,243	423,160	
SoCal Water\$mart Commercial Rebates									
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 (5 Apps)	89,195	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
Subtotal	89,305	4,717,270	14	172	\$48,968	\$46,827	\$182,790	\$278,585	
TOTAL	160,852	20,701,040	64	554	\$50,048	\$230,665	\$421,033	\$701,745	

(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	
FY 2018-2019									
SoCal Water\$mart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	656	14,318,602	44	436	\$40,458	\$117,216	\$157,425	\$315,098	9.6
SoCal Water\$mart Commercial Rebates									
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
Subtotal	4	454,041	1	11	\$0	\$9,746	\$12,151	\$21,897	
TOTAL	660	14,772,643	45	447	\$40,458	\$126,961	\$169,576	\$336,995	

⁽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)				Payback Period (years) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2017-2018									
SoCal Water\$mart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	1,694	11,912,003	37	354	\$13,891	\$78,437	\$67,866	\$160,194	5.9
SoCal Water\$mart Commercial Rebates									
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
IEUA Locally Implemented Commercial Programs									
FreeSprinklerNozzles.com Program (\$3607.50 Total Cost)	650	847,340	3	13	\$0	\$2,308	\$1,300	\$3,608	1.8
Subtotal	650	847,340	3	13	\$0	\$2,308	\$1,300	\$3,608	
TOTAL	2,344	12,759,343	39	367	\$13,891	\$80,744	\$69,166	\$163,802	

⁽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)				Payback Period (years) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2016-2017									
SoCal Water\$mart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	1,885	15,215,265	51	513	\$33,911	\$46,689	\$322,483	\$403,082	10.6
SoCal Water\$mart Commercial Rebates									
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
IEUA Locally Implemented Commercial Programs									
FreeSprinklerNozzles.com Program	4,090	5,331,724	16	82	\$0	\$12,270	\$8,180	\$20,450	1.7
Subtotal	4,772	9,557,917	29	235	\$0	\$53,693	\$104,097	\$157,790	
TOTAL	6,657	24,773,182	80	748	\$33,911	\$100,382	\$426,580	\$560,872	

⁽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)			Payback Period (years) ⁽¹⁾	
					Outside Funding	IEUA	MWD		Total
FY 2015-2016									
SoCal Water\$mart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	8,836	133,533,718	410	4,170	\$91,793	\$51,815	\$1,816,781	\$1,960,388	
SoCal Water\$mart Commercial Rebates									
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
IEUA Locally Implemented Commercial Programs									
FreeSprinklerNozzles.com Program	6,340	8,264,824	25	127	\$0	\$11,101	\$12,680	\$23,781	1.3
Subtotal	21,821	144,542,917	444	5,513	\$0	\$306,095	\$3,251,292	\$3,557,387	
TOTAL	30,657	278,076,636	853	9,683	\$91,793	\$357,910	\$5,068,073	\$5,517,775	

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

Cucamonga Valley Water District IEUA Conservation Programs Annual Report

Program	District Devices/	Gallons Saved	AF Saved	AF Saved	Funding Sources (dollars)				Payback Period
					Outside				
FY 2014-2015									
SoCal Water\$mart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
IEUA High Efficiency Toilet (HET) Installation Prog.									
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
Subtotal		0	0	0	\$0	\$0	\$0	\$0	
SoCal Water\$mart Commercial Rebates									
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
Subtotal									
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
Subtotal	48,443	80,723,099	248	1,557	\$0	\$314,466	\$688,610	\$1,003,076	
TOTAL	60,890	265,345,605	814	12,538	\$55,569	\$393,493	\$1,037,247	\$1,486,309	

⁽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)				Payback Period (years) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2013-2014									
SoCal Water\$mart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	6,835	103,199,977	317	6,002	\$22,825	\$54,816	\$109,656	\$187,297	
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
Subtotal	0	0	0	0	\$0	\$0	\$0	\$0	
SoCal Water\$mart Commercial Rebates									
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
Subtotal	13,513	21,291,756	65	384	\$0	\$16,302	\$60,211	\$76,514	
TOTAL	20,348	124,491,733	382	6,386	\$22,825	\$71,118	\$169,867	\$263,811	

⁽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)				Payback Period (years) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2012-2013									
SoCal Water\$mart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	8,880	134,942,622	414	7,831	\$25,716	\$29,006	\$83,017	\$137,739	
IEUA High Efficiency Toilet (HET) Installation Prog.									
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
Subtotal	179	2,478,911	8	152	\$13,128	\$6,383	\$8,950	\$28,461	
SoCal Water\$mart Commercial Rebates									
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
IEUA Locally Implemented Commercial Programs									
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
Subtotal	17,677	24,295,451	75	392	\$0	\$6,295	\$66,334	\$72,630	
TOTAL	26,736	161,716,984	496	8,375	\$38,844	\$41,684	\$158,301	\$238,830	

⁽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)				Payback Period (years) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2011-2012									
Residential Rebate Programs									
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
Subtotal	20,822	33,367,338	102	665	\$0	\$2,511	\$56,239	\$58,750	
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
Subtotal	199	2,755,885	8	169	\$14,595	\$7,096	\$9,950	\$31,641	
CII Save-A-Buck Rebate Program									
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
Subtotal	2,893	31,560,846	97	957	\$0	\$8,456	\$39,865	\$48,321	
TOTAL	23,914	67,684,069	208	1,792	\$14,595	\$18,063	\$106,054	\$138,712	

⁽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)				Payback Period (years) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2010-2011									
Residential Rebate Programs									
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									
IEUA Multi-Family Direct Install Prog. (HET)									
IEUA Multi-Family Direct Install Prog. (HET)	287	3,974,568	12	244	\$21,049	\$10,234	\$14,350	\$45,633	7.5
Subtotal	287	3,974,568	12	244	\$21,049	\$10,234	\$14,350	\$45,633	
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									
Subtotal	3,052	9,240,906	28	228	\$0	\$13,723	\$36,469	\$50,192	
TOTAL	4,864	22,464,914	69	854	\$21,049	\$29,943	\$136,954	\$187,945	

⁽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)				Payback Period (years) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2009-2010									
Residential Rebate Programs									
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
Subtotal	423	3,803,405	12	157	\$0	\$16,533	\$23,203	\$39,736	
IEUA Multi-Family Direct Install Prog. (HET)									
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
Subtotal	129	1,786,478	5	110	\$9,461	\$4,600	\$21,285	\$35,346	
CI Save-A-Buck Rebate Program									
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
Subtotal	8,282	21,588,671	66	681	\$0	\$16,680	\$118,687	\$135,367	
MWD Public Sector Program									
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
Subtotal	0	0	0	0	\$0	\$0	\$0	\$0	
TOTAL	8,834	27,178,554	83	947	\$9,461	\$37,813	\$163,175	\$210,449	

⁽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)			Payback Period (years) ⁽¹⁾	
					Outside Funding	IEUA	MWD		Total
FY 2008-2009									
Residential Rebate Programs									
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
Subtotal	1,294	12,895,084	40	556	\$0	\$98,717	\$98,131	\$196,848	
IEUA Multi-Family Direct Install Prog. (HET)									
IEUA Multi-Family Direct Install Prog. (HET)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Subtotal	0	0	0	0	\$0	\$0	\$0	\$0	
CII Save-A-Buck Rebate Program									
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
Subtotal	770	16,693,933	51	946	\$0	\$79,720	\$171,595	\$251,315	
MWD Public Sector Program									
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
Subtotal	63	13,246,625	41	394	\$0	\$0	\$152,022	\$152,022	
TOTAL	2,127	42,835,643	131	1,896	\$0	\$178,437	\$421,748	\$600,185	

⁽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)				Payback Period (years) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2007-2008									
Residential Rebate Programs									
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
Subtotal	1,222	9,613,204	30	383	\$0	\$28,724	\$74,225	\$102,949	
IEUA Multi-Family Direct Install Prog. (HET/ULFT)									
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
Subtotal	1,034	12,769,644	39	784	\$75,834	\$36,872	\$62,040	\$174,746	
CII Save-A-Buck Rebate Program									
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
Subtotal	210	8,763,828	27	518	\$0	\$175	\$84,915	\$85,090	
MWD Public Sector Program									
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
Subtotal	78	16,031,869	49	492	\$0	\$0	\$154,632	\$154,632	
TOTAL	2,544	47,178,546	145	2,178	\$75,834	\$65,772	\$375,812	\$517,417	

⁽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)				Payback Period (years) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2006-2007									
Residential Programs									
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
Subtotal	778	33,107,374	102	1093	\$0	\$2,400	\$81,672	\$84,072	
IEUA Multi-Family Direct Install Prog. (HET/ULFT)									
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
Subtotal	4,053	45,827,391	141	2813	\$297,247	\$144,530	\$243,180	\$684,957	
CII Save-A-Buck Rebate Program									
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
Subtotal	49	1,955,921	6	120	\$0	\$0	\$19,600	\$19,600	
TOTAL	4,880	80,890,686	248	4,026	\$297,247	\$146,930	\$344,452	\$788,629	

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

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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2005-2006									
Residential Programs									
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
Subtotal	539	5,194,521	16	265	\$0	\$539	\$51,790	\$52,329	
IEUA Multi-Family Direct Install Prog. (HET/ULFT)									
Multi-Family Program	343	3,878,311	11.90	238.04	\$0	\$36,015	\$20,580	\$56,595	11.1
Subtotal	343	3,878,311	12	238	\$0	\$36,015	\$20,580	\$56,595	
CII Save-A-Buck Rebate Program									
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
Subtotal	229	4,432,453	14	211	\$0	\$0	\$13,240	\$13,240	
TOTAL	1,111	13,505,286	41	714	\$0	\$36,554	\$85,610	\$122,164	

FY 2004-2005									
Residential Programs									
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
Subtotal	786	7,743,110	24	386	\$0	\$2,014	\$73,120	\$75,134	
IEUA Multi-Family Direct Install Prog. (HET/ULFT)									
Multi-Family Program	520	5,879,655	18.04	360.88	\$0	\$54,600	\$31,200	\$85,800	11.1
Subtotal	520	5,879,655	18	361	\$0	\$54,600	\$31,200	\$85,800	
CII Save-A-Buck Rebate Program									
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
Subtotal	3	2,086,750	6	32	\$0	\$0	\$4,050	\$4,050	
TOTAL	1,309	15,709,515	48	778	\$0	\$56,614	\$108,370	\$164,984	

⁽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)				Payback Period (years) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2003-2004									
Residential Programs									
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
Subtotal	1,410	14,840,091	46	792	\$0	\$4,632	\$111,400	\$116,032	
IEUA Multi-Family Direct Install Prog. (HET/ULFT)									
Multi-Family Program	96	1,085,475	3.33	66.62	\$0	\$3,264	\$5,760	\$9,024	4.1
Subtotal	96	1,085,475	3	67	\$0	\$3,264	\$5,760	\$9,024	
CII Save-A-Buck Rebate Program									
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
Subtotal	44	2,199,364	7	34	\$0	\$4,300	\$4,400	\$8,700	
TOTAL	1,550	18,124,930	56	892	\$0	\$12,196	\$121,560	\$133,756	

FY 2002-2003									
Residential Programs									
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
Subtotal	1,051	11,298,870	35	576	\$0	\$5,900	\$80,430	\$86,330	
IEUA Multi-Family Direct Install Prog. (HET/ULFT)									
Multi-Family Program	3	33,921	0.1041	2.0820	\$0	\$102	\$180	\$282	3.3
Subtotal	3	33,921	0.10	2	\$0	\$102	\$180	\$282	
CII Save-A-Buck Rebate Program									
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
Subtotal	96	3,756,736	12	60	\$0	\$900	\$12,900	\$13,800	
TOTAL	1,150	15,089,528	46	638	\$0	\$6,902	\$93,510	\$100,412	

⁽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

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	
FY 2019-2020									
SoCal Water\$mart Residential Rebates									
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 Apps)	9,323	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
IEUA Locally Implemented Residential Programs									
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
Subtotal	9,879	7,267,993	22	257	\$0.00	\$73,039.77	\$68,020.70	\$141,060.47	
SoCal Water\$mart Commercial Rebates									
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 (2 Apps)	65,000	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 Contro	194	265,543	1	8	\$0	\$970	\$970	\$1,940	1.4
Subtotal	66,644	14,145,901	43	422	\$2,000	\$46,880	\$132,360	\$181,240	
TOTAL	76,523	21,413,895	66	679	\$2,000	\$119,920	\$200,381	\$322,300	

(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	
FY 2018-2019									
SoCal Water\$mart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	524	11,799,464	8	341	\$1,083	\$64,616	\$65,022	\$130,720	21.1
SoCal Water\$mart Commercial Rebates									
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
Subtotal	688	1,821,944	6	87	\$0	\$14,128	\$8,300	\$22,428	
TOTAL	1,212	13,621,408	14	428	\$1,083	\$78,743	\$73,322	\$153,148	

⁽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)				Payback Period (years) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2017-2018									
SoCal WaterSmart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	14,257	34,152,632	105	924	\$0	\$136,454	\$128,975	\$265,429	
SoCal WaterSmart Commercial Rebates									
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
IEUA Locally Implemented Commercial Programs									
FreeSprinklerNozzles.com Program (\$0 Total Cost)	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Subtotal	2,355	4,011,014	12	96	\$0	\$9,900	\$8,100	\$18,000	
TOTAL	16,612	38,163,647	117	1,020	\$0	\$146,354	\$137,075	\$283,429	

⁽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)				Payback Period (years) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2016-2017									
SoCal Water\$mart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	6,827	30,366,302	93	1,441	\$8,046	\$195,351	\$188,562	\$391,959	
SoCal Water\$mart Commercial Rebates									
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
IEUA Locally Implemented Commercial Programs									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Subtotal	81	2,175,857	7	73	\$0	\$17,392	\$74,844	\$92,236	
TOTAL	6,908	32,542,159	100	1,514	\$8,046	\$212,743	\$263,406	\$484,195	

⁽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)				Payback Period (years) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2015-2016									
SoCal WaterSmart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	5,153	36,960,016	113	1,212	\$24,975	\$19,569	\$248,701	\$293,245	
SoCal WaterSmart Commercial Rebates									
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
IEUA Locally Implemented Commercial Programs									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Subtotal	954	27,995,237	86	1,243	\$0	\$230,983	\$423,943	\$654,926	
TOTAL	6,107	64,955,253	199	2,456	\$24,975	\$250,552	\$672,644	\$948,171	

⁽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)				Payback Period (years) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2014-2015									
SoCal Water\$mart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	623	11,760,493	36	482	\$17,495	\$37,398	\$84,545	\$139,438	
SoCal Water\$mart Commercial Rebates									
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
IEUA Locally Implemented Commercial Programs									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Subtotal	5,710	22,334,644	69	1,088	0	\$23,240	\$20,481	\$43,721	
TOTAL	6,333	34,095,137	105	1,571	\$17,495	\$60,638	\$105,026	\$183,159	

⁽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)				Payback Period (years) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2013-2014									
SoCal Water\$mart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	283	6,901,231	21	263	\$9,924	\$31,401	\$40,728	\$82,053	
SoCal Water\$mart Commercial Rebates									
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
IEUA Locally Implemented Commercial Programs									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Subtotal	1,193	9,080,816	28	288	0	\$11,710	\$13,676	\$25,386	
TOTAL	1,476	15,982,047	49	551	\$9,924	\$43,111	\$54,404	\$107,439	

⁽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)				Payback Period (years) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2012-2013									
SoCal Water\$mart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	148	6,489,323	20	196	\$9,899	\$10,595	\$22,924	\$43,418	
IEUA High Efficiency Toilet (HET) Installation Prog.									
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
Subtotal	111	1,537,202	2	94	\$8,141	\$3,958	\$5,550	\$17,649	
SoCal Water\$mart Commercial Rebates									
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
IEUA Locally Implemented Commercial Programs									
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
Subtotal	1,845	51,385,073	158	2,939	\$206,033	\$1,945	\$40,300	\$248,278	
TOTAL	2,104	59,411,598	180	3,230	\$224,073	\$16,498	\$68,774	\$309,345	

⁽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)				Payback Period (years) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2011-2012									
Residential Rebate Programs									
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
Subtotal	239	7,607,774	23	253	\$1	\$14,764	\$25,410	\$40,175	
IEUA Multi-Family Direct Install Prog. (HET)									
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
Subtotal	1,148	15,898,270	1	976	\$84,194	\$40,938	\$57,400	\$182,532	
CII Save-A-Buck Rebate Program									
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
Subtotal	4,130	15,950,406	49	695	\$339,942	\$6,134	\$63,003	\$409,079	
TOTAL	5,517	39,456,450	73	1,923	\$424,137	\$61,836	\$145,813	\$631,786	

⁽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)				Payback Period (years) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2010-2011									
Residential Rebate Programs									
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
Subtotal	422	4,298,483	13	173	\$0	\$2,657	\$28,288	\$30,945	
IEUA Multi-Family Direct Install Prog. (HET)									
IEUA Multi-Family Direct Install Prog. (HET)	3	41,546	0.13	2.55	\$220	\$107	\$150	\$477	0.0
Subtotal	3	41,546	0	3	\$220	\$107	\$150	\$477	
CII Save-A-Buck Rebate Program									
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
Subtotal	1,899	28,679,200	88	709	\$321,643	\$0	\$33,900	\$355,543	
TOTAL	2,324	33,019,229	101	885	\$321,863	\$2,764	\$62,338	\$386,965	

⁽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)				Payback Period (years) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2009-2010									
Residential Rebate Programs									
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
Subtotal	129	1,677,435	5	81	\$0	\$9,480	\$12,597	\$22,077	
IEUA Multi-Family Direct Install Prog. (HET)									
IEUA Multi-Family Direct Install Prog. (HET)	11	152,335	0.4675	9.3500	\$807	\$392	\$1,815	\$3,014	12.9
Subtotal	11	152,335	0	9	\$807	\$392	\$1,815	\$3,014	
CII Save-A-Buck Rebate Program									
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
Subtotal	42	1,658,125	5	99	\$0	\$100	\$16,140	\$16,240	
TOTAL	182	3,487,896	11	189	\$807	\$9,973	\$30,552	\$41,331	

⁽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)			Payback Period (years) ⁽¹⁾	
					Outside Funding	IEUA	MWD		Total
FY 2008-2009									
Residential Rebate Programs									
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
Subtotal	1,318	16,736,216	51	984	\$0	\$6,288	\$196,051	\$202,339	
IEUA Multi-Family Direct Install Prog. (HET)									
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
Subtotal	229	3,171,345	10	195	\$16,795	\$8,166	\$37,785	\$62,746	
CII Save-A-Buck Rebate Program									
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
Subtotal	266	4,248,478	13	235	\$0	\$11,535	\$38,755	\$50,290	
MWD Public Sector Program									
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
Subtotal	9	2,909,198	9	89	\$0	\$0	\$94,088	\$94,088	
TOTAL	1,822	27,065,236	83	1,503	\$16,795	\$25,989	\$366,679	\$409,463	

⁽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)				Payback Period (years) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2007-2008									
Residential Rebate Programs									
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
Subtotal	190	1,788,251	5	80	\$0	\$3,114	\$18,806	\$21,920	
IEUA Multi-Family Direct Install Prog. (HET/ULFT)									
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
Subtotal	780	9,632,807	30	591	\$57,205	\$27,815	\$46,800	\$131,820	
CII Save-A-Buck Rebate Program									
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
Subtotal	26	1,035,294	3	42	\$0	\$3,655	\$8,075	\$11,730	
MWD Public Sector Program									
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
Subtotal	0	0	0	0	\$0	\$0	\$0	\$0	0.0
TOTAL	996	12,456,352	38	713	\$57,205	\$34,584	\$73,681	\$165,470	

⁽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)				Payback Period (years) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2006-2007									
Residential Programs									
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
Subtotal	175	6,179,243	19	263	\$0	\$0	\$19,630	\$19,630	
IEUA Multi-Family Direct Install Prog. (HET/ULFT)									
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
Subtotal	2,717	30,721,200	94	1886	\$199,265	\$96,888	\$163,020	\$459,173	
CII Save-A-Buck Rebate Program									
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
Subtotal	54	2,030,638	6	121	\$0	\$605	\$19,205	\$19,810	
TOTAL	2,946	38,931,081	119	2,269	\$199,265	\$97,493	\$201,855	\$498,613	

⁽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)				Payback Period (years) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2005-2006									
Residential Programs									
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
Subtotal	179	1,674,613	5	82	\$0	\$179	\$18,290	\$18,469	
IEUA Multi-Family Direct Install Prog. (HET/ULFT)									
Multi-Family Program	1,170	13,229,225	40.60	811.98	\$0	\$122,850	\$70,200	\$193,050	11.1
Subtotal	1,170	13,229,225	41	812	\$0	\$122,850	\$70,200	\$193,050	
CII Save-A-Buck Rebate Program									
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
Subtotal	196	2,174,534	7	131	\$0	\$178	\$15,180	\$4,500	
TOTAL	1,545	17,078,372	52	1,025	\$0	\$123,207	\$103,670	\$216,019	

FY 2004-2005									
Residential Programs									
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
Subtotal	970	10,547,884	32	619	\$0	\$9,536	\$67,470	\$77,006	
IEUA Multi-Family Direct Install Prog. (HET/ULFT)									
Multi-Family Program	1,070	12,098,522	37.13	742.58	\$0	\$112,350	\$64,200	\$176,550	11.1
Subtotal	1,070	12,098,522	37	743	\$0	\$112,350	\$64,200	\$176,550	
CII Save-A-Buck Rebate Program									
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
Subtotal	4	437,683	1	7	\$0	\$0	\$1,500	\$1,500	
TOTAL	2,044	23,084,089	71	1,369	\$0	\$121,886	\$133,170	\$255,056	

⁽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)				Payback Period (years) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2003-2004									
Residential Programs									
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
Subtotal	1,857	21,072,839	65	1,223	\$0	\$17,527	\$122,570	\$140,097	
IEUA Multi-Family Direct Install Prog. (HET/ULFT)									
Multi-Family Program	1,140	12,890,014	39.56	791.16	\$0	\$38,760	\$68,400	\$107,160	4.2
Subtotal	1,140	12,890,014	40	791	\$0	\$38,760	\$68,400	\$107,160	
CII Save-A-Buck Rebate Program									
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
Subtotal	108	5,070,502	16	80	\$0	\$9,800	\$12,000	\$21,800	
TOTAL	3,105	39,033,355	120	2,094	\$0	\$66,087	\$202,970	\$269,057	
FY 2002-2003									
Residential Programs									
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
Subtotal	832	9,911,136	30	529	\$0	\$8,838	\$55,940	\$64,778	
IEUA Multi-Family Direct Install Prog. (HET/ULFT)									
Multi-Family Program	251	2,838,064	8.71	174.19	\$0	\$8,534	\$15,060	\$23,594	4.2
Subtotal	251	2,838,064	9	174	\$0	\$8,534	\$15,060	\$23,594	
CII Save-A-Buck Rebate Program									
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
Subtotal	63	666,365	2	15	\$0	\$900	\$7,400	\$8,300	
TOTAL	1,146	13,415,566	41	719	\$0	\$18,272	\$78,400	\$96,672	

⁽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

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	
FY 2019-2020									
SoCal Water\$mart Residential Rebates									
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 (16 Apps)	29,699	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
IEUA Locally Implemented Residential Programs									
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
Subtotal	29,853	5,244,824	16	121	11,725	\$53,596	\$77,366	\$142,687	
SoCal Water\$mart Commercial Rebates									
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
Subtotal	2	16,034	0	1	\$0	\$120	\$80	\$200	
TOTAL	29,855	5,260,859	16	122	\$11,725	\$53,716	\$77,446	\$142,887	

(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	
FY 2018-2019									
SoCal Water\$mart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	125	1,676,591	8	59	\$14,084	\$23,509	\$23,632	\$61,225	9.9
SoCal Water\$mart Commercial Rebates									
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
Subtotal	0	0	0	0	\$0	\$3,608	\$0	\$3,608	
TOTAL	125	1,676,591	8	59	\$14,084	\$27,117	\$23,632	\$64,833	

⁽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)				Payback Period (years) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2017-2018									
SoCal Water\$mart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	1,109	2,954,381	9	78	\$958	\$31,885	\$12,957	\$45,800	
SoCal Water\$mart Commercial Rebates									
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
IEUA Locally Implemented Commercial Programs									
FreeSprinklerNozzles.com Program (\$43,155.50 Total Cost)	8,933	12,809,565	39	197	\$0	\$25,290	\$17,866	\$43,156	1.4
Subtotal	8,933	12,809,565	39	197	\$0	\$25,290	\$17,866	\$43,156	
TOTAL	10,042	15,763,946	48	274	\$958	\$57,174	\$30,823	\$88,956	

⁽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)				Payback Period (years) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2016-2017									
SoCal Water\$mart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	1,215	3,981,012	12	105	\$7,113	\$21,997	\$46,718	\$75,827	
SoCal Water\$mart Commercial Rebates									
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
IEUA Locally Implemented Commercial Programs									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Subtotal	643	1,830,984	6	56	\$0	\$8,584	\$25,713	\$34,297	
TOTAL	1,858	5,811,996	18	161	\$7,113	\$30,581	\$72,431	\$110,124	

⁽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)				Payback Period (years) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2015-2016									
SoCal Water\$mart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	2,214	35,006,773	107	1,374	\$37,613	\$58,731	\$330,660	\$427,004	
SoCal Water\$mart Commercial Rebates									
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
IEUA Locally Implemented Commercial Programs									
FreeSprinklerNozzles.com Program	100	143,396	0.44	2	\$0	\$160	\$200	\$360	1.1
Subtotal	2,892	22,074,556	68	907	\$0	\$165,818	\$521,606	\$687,424	
TOTAL	5,106	57,081,330	175	2,281	\$37,613	\$224,549	\$852,266	\$1,114,428	

⁽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)				Payback Period (years) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2014-2015									
SoCal Water\$mart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	2,662	21,025,663	63	573	\$64,912	\$32,257	\$132,238	\$229,407	
SoCal Water\$mart Commercial Rebates									
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
IEUA Locally Implemented Commercial Programs									
FreeSprinklerNozzles.com Program	200	260,720	1	4	\$0	\$0	\$650	\$650	1.1
Subtotal	206	962,252	3	25	\$0	\$16,040	\$32,074	\$47,931	
TOTAL	2,868	21,987,915	66	598	\$64,912	\$48,297	\$164,312	\$277,338	

⁽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)			Payback Period (years) ⁽¹⁾	
					Outside Funding	IEUA	MWD		Total
FY 2013-2014									
SoCal Water\$mart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	832	8,522,991	26	267	\$15,310	\$17,976	\$34,771	\$68,056	
SoCal Water\$mart Commercial Rebates									
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
IEUA Locally Implemented Commercial Programs									
FreeSprinklerNozzles.com Program	1,460	1,902,970	6	29	\$0	\$0	\$4,745	\$4,745	1.1
Subtotal	1,512	2,270,204	7	40	\$0	\$138	\$5,321	\$5,276	
TOTAL	2,344	10,793,195	33	307	\$15,310	\$18,114	\$40,092	\$73,332	

⁽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)				Payback Period (years) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2012-2013									
SoCal Water\$mart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	1,656	8,445,920	26	251	\$11,488	\$8,907	\$28,758	\$49,153	
IEUA High Efficiency Toilet (HET) Installation Prog.									
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
Subtotal	100	1,384,867	4	85	\$7,334	\$3,566	\$5,000	\$15,900	
SoCal Water\$mart Commercial Rebates									
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
IEUA Locally Implemented Commercial Programs									
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
Subtotal	324	809,903	2	20	\$0	\$1,780	\$2,767	\$4,548	
TOTAL	2,080	10,640,690	33	356	\$18,822	\$14,253	\$36,524	\$69,600	

⁽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)				Payback Period (years) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2011-2012									
Residential Rebate Programs									
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
Subtotal	2,295	4,484,965	14	139	\$0	\$2,292	\$13,473	\$15,765	
IEUA Multi-Family Direct Install Prog. (HET)									
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
Subtotal	152	2,104,997	6	129	\$11,148	\$5,420	\$7,600	\$24,168	
CII Save-A-Buck Rebate Program									
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
Subtotal	2,911	5,765,771	18	183	\$1	\$6,370	\$48,757	\$55,128	
TOTAL	5,358	12,355,733	38	452	\$11,149	\$14,082	\$69,830	\$95,061	

⁽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)				Payback Period (years) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2010-2011									
Residential Rebate Programs									
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
Subtotal	351	4,543,912	14	145	\$0	\$6,212	\$21,167	\$27,379	
IEUA Multi-Family Direct Install Prog. (HET)									
IEUA Multi-Family Direct Install Prog. (HET)	11	152,335	0.47	9.35	807	392	550	1,749	7.5
Subtotal	11	152,335	0	9	\$807	\$392	\$550	\$1,749	
CII Save-A-Buck Rebate Program									
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
Subtotal	15	573,596	2	35	\$0	\$835	\$2,965	\$3,800	
TOTAL	377	5,269,843	16	190	\$807	\$7,440	\$24,682	\$32,928	

⁽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)				Payback Period (years) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2009-2010									
Residential Rebate Programs									
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
Subtotal	57	682,560	2	39	\$0	\$2,325	\$4,170	\$6,495	
IEUA Multi-Family Direct Install Prog. (HET)									
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
Subtotal	211	2,922,069	9	179	\$15,475	\$7,524	\$34,815	\$57,814	
CII Save-A-Buck Rebate Program									
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
Subtotal	224	710,355	2	17	\$0	\$990	\$2,530	\$3,520	
TOTAL	492	4,314,984	13	236	\$15,475	\$10,839	\$41,515	\$67,829	

⁽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)				Payback Period (years) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2008-2009									
Residential Rebate Programs									
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
Subtotal	550	6,199,661	19	322	\$0	\$19,895	\$58,483	\$78,378	
IEUA Multi-Family Direct Install Prog. (HET)									
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
Subtotal	122	1,689,537	5	104	\$8,947	\$4,351	\$20,130	\$33,428	
CII Save-A-Buck Rebate Program									
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
Subtotal	66	1,500,283	5	83	\$0	\$6,653	\$14,583	\$21,235	
MWD Public Sector Program									
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
Subtotal	14	1,629,776	5	51	\$0	\$0	\$23,078	\$23,078	
TOTAL	752	11,019,258	34	559	\$8,947	\$30,898	\$116,274	\$156,119	

⁽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)				Payback Period (years) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2007-2008									
Residential Rebate Programs									
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
Subtotal	377	1,805,188	6	68	\$0	\$1,855	\$13,868	\$15,723	
IEUA Multi-Family Direct Install Prog. (HET/ULFT)									
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
Subtotal	122	1,506,670	5	92	\$8,947	\$4,351	\$7,320	\$20,618	
CII Save-A-Buck Rebate Program									
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
Subtotal	237	3,318,238	10	189	\$0	\$20,163	\$34,853	\$55,015	
MWD Public Sector Program									
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
Subtotal	4	199,942	1	3	\$0	\$0	\$1,520	\$1,520	
TOTAL	740	6,830,039	21	352	\$8,947	\$26,368	\$57,560	\$92,876	

⁽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)				Payback Period (years) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2006-2007									
Residential Programs									
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
Subtotal	124	9,508,202	29	301	\$0	\$160	\$16,600	\$16,760	
IEUA Multi-Family Direct Install Prog. (HET/ULFT)									
Multi-Family Toilet Program (HET/ULFT)	460	5,201,234	15.96	319.24	\$33,736	\$16,404	\$27,600	\$77,740	11.4
Subtotal	460	5,201,234	16	319	\$33,736	\$16,404	\$27,600	\$77,740	
CII Save-A-Buck Rebate Program									
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
Subtotal	190	3,251,178	10	169	\$0	\$6,465	\$25,335	\$31,800	
TOTAL	774	17,960,614	55	789	\$33,736	\$23,029	\$69,535	\$126,300	

⁽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)				Payback Period (years) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2005-2006									
Residential Programs									
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
Subtotal	104	1,023,237	3	54	\$0	\$104	\$9,540	\$9,644	
IEUA Multi-Family Direct Install Prog. (HET/ULFT)									
Multi-Family Program	101	1,142,010	3.50	70.09	\$0	\$10,605	\$6,060	\$16,665	11.1
Subtotal	101	1,142,010	4	70	\$0	\$10,605	\$6,060	\$16,665	
CII Save-A-Buck Rebate Program									
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
Subtotal	66	741,637	2	45	\$0	\$64	\$4,340	\$4,404	
TOTAL	271	2,906,884	9	169	\$0	\$10,773	\$19,940	\$30,713	

FY 2004-2005									
Residential Programs									
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
Subtotal	412	4,462,975	14	259	\$0	\$2,126	\$29,140	\$31,266	
IEUA Multi-Family Direct Install Prog. (HET/ULFT)									
Multi-Family Program	12	135,684	0.42	8.33	\$0	\$1,260	\$720	\$1,980	11.1
Subtotal	12	135,684	0	8	\$0	\$1,260	\$720	\$1,980	
CII Save-A-Buck Rebate Program									
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
Subtotal	3	1,060,710	3	17	\$0	\$0	\$2,500	\$2,500	
TOTAL	427	5,659,370	17	284	\$0	\$3,386	\$32,360	\$35,746	

⁽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)				Payback Period (years) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2003-2004									
Residential Programs									
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
Subtotal	535	6,400,029	20	344	\$0	\$2,075	\$39,440	\$41,515	
IEUA Multi-Family Direct Install Prog. (HET/ULFT)									
Multi-Family Program	106	1,198,545	3.68	73.56	\$0	\$3,604	\$6,360	\$9,964	4.2
Subtotal	106	1,198,545	4	74	\$0	\$3,604	\$6,360	\$9,964	
CII Save-A-Buck Rebate Program									
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
Subtotal	44	1,461,507	4	27	\$0	\$2,400	\$7,100	\$9,500	
TOTAL	685	9,060,081	28	445	\$0	\$8,079	\$52,900	\$60,979	

FY 2002-2003									
Residential Programs									
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
Subtotal	436	5,787,752	18	292	\$0	\$2,569	\$38,990	\$41,559	
IEUA Multi-Family Direct Install Prog. (HET/ULFT)									
Multi-Family Program	57	644,501	1.98	39.56	\$0	\$5,372	\$9,480	\$14,852	4.2
Subtotal	57	644,501	2	40	\$0	\$5,372	\$9,480	\$14,852	
CII Save-A-Buck Rebate Program									
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
Subtotal	120	5,083,210	16	331	\$0	\$900	\$22,650	\$23,550	
TOTAL	613	11,515,463	35	662	\$0	\$8,841	\$71,120	\$79,961	

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



O N T A R I O
M U N I C I P A L
U T I L I T I E S
C O M P A N Y

Ontario Municipal Utilities Company

IEUA Regional Conservation Programs Annual Report

City of Ontario 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	
FY 2019-2020									
SoCal Water\$mart Residential Rebates									
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 (11 Apps)	18,169	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
IEUA Locally Implemented Residential Programs									
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
Subtotal	18,590	9,430,295	29	221	\$8,311	\$76,450	\$94,573	\$179,335	
SoCal Water\$mart Commercial Rebates									
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 (5 Apps)	32,839	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
Subtotal	35,015	17,079,948	52	569	\$8,411	\$86,684	\$109,643	\$204,738	
TOTAL	53,605	26,510,242	81	790	\$16,722	\$163,134	\$204,216	\$384,073	

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

City of Ontario 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	
FY 2018-2019									
SoCal Water\$mart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	374	5,322,137	8	176	\$40,333	\$51,339	\$48,902	\$140,575	22.7
SoCal Water\$mart Commercial Rebates									
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
Subtotal	259	2,182,585	7	121	\$0	\$14,763	\$10,792	\$25,555	
TOTAL	633	7,504,722	15	298	\$40,333	\$66,102	\$59,694	\$166,130	

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

City of Ontario 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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2017-2018									
SoCal Water\$mart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	612	4,916,821	15	203	\$6,706	\$32,992	\$32,564	\$72,262	
SoCal Water\$mart Commercial Rebates									
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
IEUA Locally Implemented Commercial Programs									
FreeSprinklerNozzles.com Program (\$15,676.50 Total Cost)	2,880	3,754,368	12	58	\$0	\$9,917	\$5,760	\$15,677	1.8
Subtotal	9,308	14,904,352	46	361	\$0	\$49,347	\$33,955	\$83,302	
TOTAL	9,920	19,821,173	61	563	\$6,706	\$82,338	\$66,519	\$155,563	

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

City of Ontario

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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2016-2017									
SoCal Water\$mart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	1,671	10,003,406	31	520	\$4,718	\$74,789	\$83,112	\$162,619	
SoCal Water\$mart Commercial Rebates									
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
IEUA Locally Implemented Commercial Programs									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Subtotal	429	15,109,940	46	551	\$0	\$39,095	\$467,891	\$506,986	
TOTAL	2,100	25,113,346	77	1,071	\$4,718	\$113,884	\$551,003	\$669,605	

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

City of Ontario 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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2015-2016									
SoCal Water\$mart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	1,826	36,272,331	111	1,422	\$39,657	\$43,698	\$415,413	\$498,769	
SoCal Water\$mart Commercial Rebates									
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
IEUA Locally Implemented Commercial Programs									
FreeSprinklerNozzles.com Program	3,806	4,961,502	15	76	\$0	\$4,548	\$7,612	\$12,160	1.1
Subtotal	6,933	43,745,290	134	1,677	\$0	\$434,986	\$822,678	\$1,257,664	
TOTAL	8,759	80,017,621	246	3,099	\$39,657	\$478,684	\$1,238,092	\$1,756,434	

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

City of Ontario 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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2014-2015									
SoCal Water\$mart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	1,593	8,761,078	27	317	\$6,638	\$48,664	\$91,178	\$146,480	
SoCal Water\$mart Commercial Rebates									
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
IEUA Locally Implemented Commercial Programs									
FreeSprinklerNozzles.com Program	3,831	4,994,092	15.32	76.62	\$0	\$0	\$12,451	\$12,451	1.1
Subtotal	5,079	20,664,667	63	813	\$0	\$93,753	\$255,759	\$349,512	
TOTAL	6,672	29,425,745	90	1,130	\$6,638	\$142,417	\$346,937	\$495,992	

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

City of Ontario 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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2013-2014									
SoCal Water\$mart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	1,247	4,709,342	14	320	\$15,080	\$28,812	\$47,457	\$59,656	
SoCal Water\$mart Commercial Rebates									
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
IEUA Locally Implemented Commercial Programs									
FreeSprinklerNozzles.com Program	1,660	2,163,651	6.64	33.20	\$0	\$0	\$5,395	\$5,395	1.1
Subtotal	1,997	4,656,574	14	146	\$0	\$6,480	\$21,409	\$27,889	
TOTAL	3,244	9,365,916	29	466	\$15,080	\$35,292	\$68,866	\$87,545	

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

City of Ontario 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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2012-2013									
SoCal Water\$mart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	1,633	7,276,774	22	191	\$9,451	\$7,919	\$24,211	\$41,581	
IEUA High Efficiency Toilet (HET) Installation Prog.									
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
Subtotal	260	3,600,654	11	221	\$19,068	\$9,272	\$13,000	\$41,340	
SoCal Water\$mart Commercial Rebates									
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
IEUA Locally Implemented Commercial Programs									
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
Subtotal	8,059	11,152,837	34	174	\$0	\$6,847	\$34,956	\$41,803	
TOTAL	9,952	22,030,265	68	587	\$28,519	\$24,038	\$72,167	\$124,724	

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

City of Ontario 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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2011-2012									
Residential Rebate Programs									
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
Subtotal	4,416	9,271,981	28	211	\$0	\$5,707	\$27,940	\$33,648	
IEUA Multi-Family Direct Install Prog. (HET)									
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
Subtotal	434	6,010,322	18	369	\$31,830	\$15,476	\$21,700	\$69,006	
CII Save-A-Buck Rebate Program									
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
Subtotal	2,802	6,058,352	19	221	\$0	\$5,115	\$39,129	\$44,244	
TOTAL	7,652	21,340,655	65	801	\$31,830	\$26,299	\$88,769	\$146,898	

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

City of Ontario 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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2010-2011									
Residential Rebate Programs									
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
Subtotal	410	11,324,740	35	366	\$0	\$22,402	\$44,598	\$67,000	
IEUA Multi-Family Direct Install Prog. (HET)									
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
Subtotal	1,009	13,973,306	43	858	\$74,000	\$35,981	\$50,450	\$160,431	
CII Save-A-Buck Rebate Program									
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
Subtotal	92	1,233,867	4	55	\$0	\$2,431	\$7,163	\$9,594	
TOTAL	1,511	26,531,913	81	1,279	\$74,000	\$60,814	\$102,211	\$237,025	

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

City of Ontario

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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2009-2010									
Residential Rebate Programs									
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
Subtotal	88	1,045,330	3	54	\$0	\$4,834	\$7,786	\$12,620	
IEUA Multi-Family Direct Install Prog. (HET)									
IEUA Multi-Family Direct Install Prog. (HET)	55	761,677	2.34	46.75	\$4,034	\$1,961	\$9,075	\$15,070	12.9
Subtotal	55	761,677	2	47	\$4,034	\$1,961	\$9,075	\$15,070	
CII Save-A-Buck Rebate Program									
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
Subtotal	1,468	6,264,942	19	244	\$0	\$6,690	\$41,988	\$48,678	
TOTAL	1,611	8,071,948	25	345	\$4,034	\$13,485	\$58,849	\$76,368	

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

City of Ontario 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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2008-2009									
Residential Rebate Programs									
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
Subtotal	358	4,616,005	14	218	\$0	\$24,532	\$42,148	\$66,680	
IEUA Multi-Family Direct Install Prog. (HET)									
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
Subtotal	757	10,483,441	32	643	\$55,518	\$26,995	\$124,905	\$207,418	
CII Save-A-Buck Rebate Program									
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
Subtotal	421	10,766,280	33	522	\$0	\$36,110	\$97,443	\$133,553	
MWD Public Sector Program									
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
Subtotal	116	36,697,503	113	1,104	\$0	\$0	\$560,169	\$560,169	
TOTAL	1,652	62,563,229	192	2,487	\$55,518	\$87,637	\$824,665	\$967,820	

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

City of Ontario 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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2007-2008									
Residential Rebate Programs									
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
Subtotal	302	2,308,315	7	98	\$0	\$7,017	\$22,158	\$29,175	
IEUA Multi-Family Direct Install Prog. (HET/ULFT)									
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
Subtotal	708	8,743,625	27	537	\$51,925	\$25,247	\$42,480	\$119,652	
CII Save-A-Buck Rebate Program									
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
Subtotal	1,425	20,226,158	62	1115	\$0	\$156,925	\$300,405	\$457,330	
MWD Public Sector Program									
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
Subtotal	12	549,808	2	18	\$0	\$0	\$8,785	\$8,785	
TOTAL	2,447	31,827,907	98	1,768	\$51,925	\$189,189	\$373,828	\$614,942	

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

City of Ontario 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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2006-2007									
Residential Rebate Programs									
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
Subtotal	215	9,126,076	28	362	\$0	\$1,440	\$24,345	\$25,785	
IEUA Multi-Family Direct Install Prog. (HET/ULFT)									
Multi-Family Toilet Program (HET/ULFT)	950	10,741,678	32.97	659.30	\$69,673	\$33,877	\$57,000	\$160,550	11.4
Subtotal	950	10,741,678	33	659	\$69,673	\$33,877	\$57,000	\$160,550	
CII Save-A-Buck Rebate Program									
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
Subtotal	317	7,455,015	23	330	\$0	\$6,770	\$50,500	\$57,270	
TOTAL	1,482	27,322,769	84	1,351	\$69,673	\$42,087	\$131,845	\$243,605	

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

City of Ontario 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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2005-2006									
Residential Programs									
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
Subtotal	626	6,659,449	20	384	\$0	\$2,782	\$43,430	\$46,212	
IEUA Multi-Family Direct Install Prog. (HET/ULFT)									
Multi-Family Program	2,132	24,106,587	73.98	1479.61	\$0	\$223,860	\$127,920	\$351,780	11.1
Subtotal	2,132	24,106,587	74	1480	\$0	\$223,860	\$127,920	\$351,780	
CII Save-A-Buck Rebate Program									
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
Subtotal	739	10,919,397	34	574	\$0	\$672	\$53,520	\$54,192	
TOTAL	3,497	41,685,434	128	2,437	\$0	\$227,314	\$224,870	\$452,184	

FY 2004-2005									
Residential Programs									
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
Subtotal	589	6,121,880	19	336	\$0	\$2,240	\$47,420	\$49,660	
IEUA Multi-Family Direct Install Prog. (HET/ULFT)									
Multi-Family Program	1,066	12,053,294	36.99	739.80	\$0	\$111,930	\$63,960	\$175,890	11.1
Subtotal	1,066	12,053,294	37	740	\$0	\$111,930	\$63,960	\$175,890	
CII Save-A-Buck Rebate Program									
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
Subtotal	9	3,193,698	10	152	\$0	\$0	\$6,250	\$6,250	
TOTAL	1,664	21,368,872	66	1228	0	\$114,170	\$117,630	\$231,800	

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

City of Ontario 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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2003-2004									
Residential Programs									
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
Subtotal	882	9,936,197	30	542	\$0	\$2,963	\$62,540	\$65,503	
IEUA Multi-Family Direct Install Prog. (HET/ULFT)									
Multi-Family Program	512	5,789,199	17.77	355.33	\$0	\$17,408	\$30,720	\$48,128	4.2
Subtotal	512	5,789,199	18	355	\$0	\$17,408	\$30,720	\$48,128	
CII Save-A-Buck Rebate Program									
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
Subtotal	140	4,907,381	15	89	\$0	\$8,200	\$21,650	\$29,850	
TOTAL	1,534	20,632,777	63	986	\$0	\$28,571	\$114,910	\$143,481	

FY 2002-2003									
Residential Programs									
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
Subtotal	947	11,189,580	34	603	\$0	\$4,732	\$64,530	\$69,262	
IEUA Multi-Family Direct Install Prog. (HET/ULFT)									
Multi-Family Program	339	3,833,083	11.76	235.27	\$0	\$11,526	\$20,340	\$31,866	4.2
Subtotal	339	3,833,083	12	235	\$0	\$11,526	\$20,340	\$31,866	
CII Save-A-Buck Rebate Program									
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
Subtotal	171	2,930,965	9	50	\$0	\$1,000	\$16,550	\$17,550	
TOTAL	1,457	17,953,627	55	944	\$0	\$17,258	\$101,420	\$118,678	

⁽¹⁾ 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

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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2019-2020									
SoCal Water\$mart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	8	92,490	0	4	0	590	570	1,160	
SoCal Water\$mart Commercial Rebates									
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
Subtotal	0	0	0	0	\$0	\$0	\$0	\$0	
TOTAL	8	92,490	0	4	\$0	\$590	\$570	\$1,160	

⁽¹⁾ 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	
FY 2018-2019									
SoCal WaterSmart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	17	209,423	1	7	\$0	\$1,300	\$1,300	\$2,600	5.4
SoCal WaterSmart Commercial Rebates									
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
Subtotal	0	0	0	0	\$0	\$3,608	\$0	\$3,608	
TOTAL	17	209,423	1	7	\$0	\$4,908	\$1,300	\$6,208	

⁽¹⁾ 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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2017-2018									
SoCal Water\$mart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	7	319,512	1	8	\$479	\$419	\$960	\$1,858	
SoCal Water\$mart Commercial Rebates									
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
IEUA Locally Implemented Commercial Programs									
FreeSprinklerNozzles.com Program (\$0 Total Cost)	0	0	0	0	\$0	\$0	\$0	\$0	\$0
Subtotal	0	0	0	0	\$0	\$0	\$0	\$0	
TOTAL	7	319,512	1	8	\$479	\$419	\$960	\$1,858	

⁽¹⁾ 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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2016-2017									
SoCal WaterSmart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	14	333,363	1	11	\$510	\$734	\$9,576	\$10,821	
SoCal WaterSmart Commercial Rebates									
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
IEUA Locally Implemented Commercial Programs									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	
Subtotal	0	0	0	0	\$0	\$0	\$0	\$0	
TOTAL	14	333,363	1	11	\$510	\$734	\$9,576	\$10,821	

⁽¹⁾ 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) ⁽¹⁾	
					Outside Funding	IEUA	MWD		Total
FY 2015-2016									
SoCal WaterSmart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
IEUA Locally Implemented Commercial Programs									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Subtotal	0	0	0	0	\$0	\$0	\$0	\$0	
TOTAL	38	2,243,668	7	76	\$7,896	\$574	\$53,248	\$61,718	

⁽¹⁾ 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) ⁽¹⁾	
					Outside Funding	IEUA	MWD		Total
FY 2014-2015									
SoCal WaterSmart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	33	3,400,375	10	107	\$10,561	\$965	\$12,261	\$23,787	
SoCal WaterSmart Commercial Rebates									
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
IEUA Locally Implemented Commercial Programs									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Subtotal	0	0	0	0	\$0	\$0	\$0	\$0	
TOTAL	33	3,400,375	10	107	\$10,561	\$965	\$12,261	\$23,787	

⁽¹⁾ 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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2013-2014									
SoCal WaterSmart Residential Rebates									
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	
IEUA Locally Implemented Residential Programs									
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
Subtotal	26	1,415,627	4	47	\$1,843	\$969	\$3,396	\$6,208	
SoCal WaterSmart Commercial Rebates									
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
IEUA Locally Implemented Commercial Programs									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Subtotal	0	0	0	0	\$0	\$0	\$0	\$0	
TOTAL	26	1,415,627	4	47	\$1,843	\$969	\$3,396	\$6,208	

⁽¹⁾ 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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2012-2013									
SoCal WaterSmart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	13	814,171	2	28	\$1,598	\$724	\$2,426	\$4,748	
IEUA High Efficiency Toilet (HET) Installation Prog.									
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
Subtotal	18	249,276	1	15	\$1,320	\$642	\$900	\$2,862	
SoCal WaterSmart Commercial Rebates									
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
IEUA Locally Implemented Commercial Programs									
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
Subtotal	0	0	0	0	\$0	\$0	\$0	\$0	
TOTAL	31	1,063,447	3	43	\$2,918	\$1,366	\$3,326	\$7,610	

⁽¹⁾ 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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2011-2012									
Residential Rebate Programs									
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
Subtotal	15	2,132,955	7	62	\$0	\$4,182	\$4,489	\$8,671	
IEUA Multi-Family Direct Install Prog. (HET)									
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
Subtotal	12	166,184	1	10	\$880	\$428	\$600	\$1,908	
CII Save-A-Buck Rebate Program									
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
Subtotal	0	0	0	0	\$0	\$0	\$0	\$0	
TOTAL	27	2,299,139	8	72	\$880	\$4,610	\$5,089	\$10,579	

⁽¹⁾ 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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2010-2011									
Residential Rebate Programs									
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
Subtotal	17	319,758	1	11	\$0	\$2,806	\$2,561	\$5,366	
IEUA Multi-Family Direct Install Prog. (HET)									
IEUA Multi-Family Direct Install Prog. (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Subtotal	0	0	0	0	\$0	\$0	\$0	\$0	
CII Save-A-Buck Rebate Program									
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
Subtotal	0	0	0	0	\$0	\$0	\$0	\$0	
TOTAL	17	319,758	1	11	\$0	\$2,806	\$2,561	\$5,366	

⁽¹⁾ 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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2009-2010									
Residential Rebate Programs									
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
Subtotal	2	238,816	1	7	\$0	\$2,356	\$1,571	\$3,926	
IEUA Multi-Family Direct Install Prog. (HET)									
IEUA Multi-Family Direct Install Prog. (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Subtotal	0	0	0	0	\$0	\$0	\$0	\$0	
CII Save-A-Buck Rebate Program									
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
Subtotal	0	0	0	0.00	\$0	\$0	\$0	\$0	
TOTAL	2	238,816	1	7	\$0	\$2,356	\$1,571	\$3,926	

⁽¹⁾ 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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2008-2009									
Residential Rebate Programs									
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
Subtotal	15	318,031	1	12	\$0	\$6,252	\$1,572	\$7,824	
IEUA Multi-Family Direct Install Prog. (HET)									
IEUA Multi-Family Direct Install Prog. (HET)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Subtotal	0	0	0	0	\$0	\$0	\$0	\$0	
CII Save-A-Buck Rebate Program									
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
Subtotal	0	0	0	0	\$0	\$0	\$0	\$0	
MWD Public Sector Program									
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
Subtotal	0	0	0	0	\$0	\$0	\$0	\$0	
TOTAL	15	318,031	1	12	\$0	\$6,252	\$1,572	\$7,824	

⁽¹⁾ 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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2007-2008									
Residential Rebate Programs									
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
Subtotal	53	783,919	2	29	\$0	\$1,548	\$4,429	\$5,976	
IEUA Multi-Family Direct Install Prog. (HET/ULFT)									
IEUA Multi-Family Direct Install Prog. (HET/ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Subtotal	0	0	0	0	\$0	\$0	\$0	\$0	
CII Save-A-Buck Rebate Program									
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
Subtotal	1	54,743	0	2	\$0	\$360.00	\$360.00	\$720.00	
MWD Public Sector Program									
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
Subtotal	0	0	0	0	\$0	\$0	\$0	\$0	
TOTAL	54	838,662	3	31	\$0	\$1,908	\$4,789	\$6,696	

⁽¹⁾ 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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2006-2007									
Residential Programs									
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
Subtotal	29	2,982,710	9	99	\$0	\$0	\$4,640	\$4,640	
IEUA Multi-Family Direct Install Prog. (HET/ULFT)									
Multi-Family Toilet Program (HET/ULFT)	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Subtotal	0	0	0	0	\$0	\$0	\$0	\$0	
CII Save-A-Buck Rebate Program									
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
Subtotal	0	0	0	0	\$0	\$0	\$0	\$0	
TOTAL	29	2,982,710	9	99	\$0	\$0	\$4,640	\$4,640	

⁽¹⁾ 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) ⁽¹⁾	
					Outside Funding	IEUA	MWD		Total
FY 2005-2006									
Residential Programs									
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
Subtotal	25	250,286	1	13	\$0	\$25	\$2,200	\$2,225	
IEUA Multi-Family Direct Install Prog. (HET/ULFT)									
Multi-Family Program	4	45,228	0.14	2.78	\$0	\$420	\$240	\$660	11.1
Subtotal	4	45,228	0.14	3	\$0	\$420	\$240	\$660	11.1
CII Save-A-Buck Rebate Program									
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
Subtotal	0	0	0	0	\$0	\$0	\$0	\$0	
TOTAL	29	295,514	1	16	\$0	\$445	\$2,440	\$2,885	

FY 2004-2005									
Residential Programs									
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
Subtotal	34	324,287	1	16	\$0	\$54	\$3,340	\$3,394	
IEUA Multi-Family Direct Install Prog. (HET/ULFT)									
Multi-Family Program	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Subtotal	0	0	0	0	\$0	\$0	\$0	\$0	0.0
CII Save-A-Buck Rebate Program									
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
Subtotal	0	0	0	0	\$0	\$0	\$0	\$0	
TOTAL	34	324,287	1	16	\$0	\$54	\$3,340	\$3,394	

⁽¹⁾ 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) ⁽¹⁾	
					Outside Funding	IEUA	MWD		Total
FY 2003-2004									
Residential Programs									
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
Subtotal	63	1,332,981	4	41	\$0	\$655	\$4,370	\$5,025	
IEUA Multi-Family Direct Install Prog. (HET/ULFT)									
Multi-Family Program	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Subtotal	0	0	0	0	\$0	\$0	\$0	\$0	
CII Save-A-Buck Rebate Program									
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
Subtotal	1	49,986	0	1	\$0	\$0	\$100	\$100	
TOTAL	64	1,382,967	4	42	\$0	\$655	\$4,470	\$5,125	

FY 2002-2003									
Residential Programs									
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
Subtotal	25	1,495,741	5	34	\$0	\$221	\$1,320	\$1,541	
IEUA Multi-Family Direct Install Prog. (HET/ULFT)									
Multi-Family Program	0	0	0.00	0.00	\$0	\$0	\$0	\$0	0.0
Subtotal	0	0	0	0	\$0	\$0	\$0	\$0	
CII Save-A-Buck Rebate Program									
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
Subtotal	0	0	0	0	\$0	\$0	\$0	\$0	
TOTAL	25	1,495,741	5	34	\$0	\$221	\$1,320	\$1,541	

⁽¹⁾ 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

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	
FY 2019-2020									
SoCal Water\$mart Residential Rebates									
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 (24 Apps)	30,049	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
IEUA Locally Implemented Residential Programs									
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
Subtotal	30,406	9,598,809	29	193	\$854	\$100,563	\$131,626	\$233,043	
SoCal Water\$mart Commercial Rebates									
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 (10 Apps)	54,124	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 Contro	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Subtotal	54,373	4,277,844	13	190	\$20,487	\$48,037	\$118,148	\$186,672	
TOTAL	84,779	13,876,653	43	383	\$21,341	\$148,600	\$249,774	\$419,715	

(1) 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	
FY 2018-2019									
SoCal Water\$mart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	303	9,994,198	8	193	\$23,839	\$58,281	\$75,095	\$157,215	25.4
SoCal Water\$mart Commercial Rebates									
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
Subtotal	150	1,782,545	5	91	\$0	\$24,910	\$33,986	\$58,896	
TOTAL	453	11,776,743	14	284	\$23,839	\$83,190	\$109,081	\$216,110	

⁽¹⁾ 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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2017-2018									
SoCal Water\$mart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	187	1,913,972	6	63	\$2,874	\$9,791	\$12,614	\$25,279	
SoCal Water\$mart Commercial Rebates									
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
IEUA Locally Implemented Commercial Programs									
FreeSprinklerNozzles.com Program (\$5737.60 Total Cost)	1,587	2,068,813	6	32	\$0	\$2,564	\$3,174	\$5,738	1.2
Subtotal	9,462	15,289,044	47	341	\$0	\$34,744	\$29,674	\$64,418	
TOTAL	9,649	17,203,016	53	403	\$2,874	\$44,535	\$42,288	\$89,696	

⁽¹⁾ 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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2016-2017									
SoCal WaterSmart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	383	3,400,071	10	108	\$1,740	\$3,252	\$83,092	\$88,085	
SoCal WaterSmart Commercial Rebates									
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
IEUA Locally Implemented Commercial Programs									
FreeSprinklerNozzles.com Program	0	0	0	0	\$0	\$0	\$0	\$0	0.0
Subtotal	10	42,041	0	1	\$0	\$2,460	\$5,740	\$8,200	
TOTAL	393	3,442,112	11	110	\$1,740	\$5,712	\$88,832	\$96,285	

⁽¹⁾ 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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2015-2016									
SoCal WaterSmart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	940	26,861,317	82	889	\$26,220	\$27,092	\$523,721	\$577,033	
SoCal WaterSmart Commercial Rebates									
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
IEUA Locally Implemented Commercial Programs									
FreeSprinklerNozzles.com Program	100	130,360	0	2	\$0	\$160	\$200	\$360	1.2
Subtotal	3,457	19,482,410	60	762	\$0	\$116,401	\$275,022	\$391,423	
TOTAL	4,397	46,343,726	142	1,651	\$26,220	\$143,493	\$798,743	\$968,456	

⁽¹⁾ 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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2014-2015									
SoCal Water\$mart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	1,456	7,314,500	22	250	\$0	\$35,268	\$111,352	\$146,620	
SoCal Water\$mart Commercial Rebates									
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
IEUA Locally Implemented Commercial Programs									
FreeSprinklerNozzles.com Program	400	521,440	2	8	\$0	\$0	\$1,300	\$1,300	1.1
Subtotal	441	6,713,041	21	209	\$0	\$132,990	\$280,856	\$413,847	
TOTAL	1,897	14,027,541	43	459	\$0	\$168,258	\$392,208	\$560,467	

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

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)				Payback Period (years) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2013-2014									
SoCal Water\$mart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	2,789	11,679,249	36	335	\$12,043	\$26,300	\$71,899	\$110,242	
SoCal Water\$mart Commercial Rebates									
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
IEUA Locally Implemented Commercial Programs									
FreeSprinklerNozzles.com Program	3,917	5,105,433	16	78	\$0	\$0	\$12,730	\$12,730	1.1
Subtotal	4,285	12,894,902	40	318	\$0	\$8,171	\$39,498	\$47,670	
TOTAL	7,074	24,574,151	75	653	\$12,043	\$34,471	\$111,397	\$157,912	

⁽¹⁾ 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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2012-2013									
SoCal Water\$mart Residential Rebates									
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
IEUA Locally Implemented Residential Programs									
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
Subtotal	2,666	10,802,273	33	256	\$12,492	\$11,711	\$61,000	\$85,203	
IEUA High Efficiency Toilet (HET) Installation Prog.									
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
Subtotal	889	12,311,465	38	756	\$65,199	\$31,702	\$44,450	\$141,351	
SoCal Water\$mart Commercial Rebates									
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
IEUA Locally Implemented Commercial Programs									
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
Subtotal	5,527	11,266,298	35	217	\$0	\$3,474	\$23,365	\$26,840	
TOTAL	9,082	34,380,037	106	1,228	\$77,691	\$46,887	\$128,815	\$253,394	

⁽¹⁾ 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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2011-2012									
Residential Rebate Programs									
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
Subtotal	10,801	17,527,523	54	338	0	3,819	47,326	51,145	
IEUA Multi-Family Direct Install Prog. (HET)									
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
Subtotal	830	11,494,394	35	706	60,872	29,598	41,500	131,970	
CII Save-A-Buck Rebate Program									
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
Subtotal	2,001	11,836,538	36	363	0	117	26,600	717	
TOTAL	13,632	40,858,454	125	1,406	60,872	33,534	115,426	183,832	

⁽¹⁾ 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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2010-2011									
Residential Rebate Programs									
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
Subtotal	942	8,245,802	25	254	0	12,773	62,545	75,319	
IEUA Multi-Family Direct Install Prog. (HET)									
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
Subtotal	117	1,620,294	5	99	8,581	4,172	5,850	18,603	
CII Save-A-Buck Rebate Program									
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
Subtotal	37	931,119	3	44	0	2,280	5,450	7,730	
TOTAL	1,096	10,797,216	33	397	8,581	19,226	73,845	101,652	

⁽¹⁾ 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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2009-2010									
Residential Rebate Programs									
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
Subtotal	158	1,768,563	5	86	0	8,937	12,374	21,311	
IEUA Multi-Family Direct Install Prog. (HET)									
IEUA Multi-Family Direct Install Prog. (HET)	4	55,395	0.17	3.40	293	143	660	1,096	12.9
Subtotal	4	55,395	0	3	293	143	660	1,096	
CII Save-A-Buck Rebate Program									
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
Subtotal	1,913	8,352,474	26	335	0	31,310	64,372	89,114	
TOTAL	2,075	10,176,431	31	424	293	40,389	77,406	111,521	

⁽¹⁾ 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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2008-2009									
Residential Rebate Programs									
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
Subtotal	284	4,239,810	13	183	0	38,382	31,924	70,307	
IEUA Multi-Family Direct Install Prog. (HET)									
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
Subtotal	339	4,694,698	14	288	24,862	12,089	55,935	92,886	
CII Save-A-Buck Rebate Program									
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
Subtotal	162	2,243,484	7	138	0	21,870	26,730	48,600	
MWD Public Sector Program									
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
Subtotal	51	10,120,606	31	311	0	0	84,498	84,498	
TOTAL	836	21,298,599	65	919	24,862	72,341	199,087	296,291	

⁽¹⁾ 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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2007-2008									
Residential Rebate Programs									
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
Subtotal	442	3,906,054	12	166	0	20,470	33,763	54,232	
IEUA Multi-Family Direct Install Prog. (HET/ULFT)									
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
Subtotal	1,541	19,030,969	58	1,168	113,017	54,952	92,460	260,429	
CII Save-A-Buck Rebate Program									
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
Subtotal	504	6,827,719	21	415	0	72,710	82,045	154,755	
MWD Public Sector Program									
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
Subtotal	0	0	0	0	0	0	0	0	
TOTAL	2,487	29,764,742	91	1,749	113,017	148,132	208,268	469,416	

⁽¹⁾ 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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2006-2007									
Residential Programs									
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
Subtotal	410	30,773,531	92	1,067	0	320	53,825	54,145	
IEUA Multi-Family Direct Install Prog. (HET/ULFT)									
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
Subtotal	1,008	11,397,486	35	700	73,927	35,945	60,480	170,352	
CII Save-A-Buck Rebate Program									
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
Subtotal	4	317,249	1	9	0	70	1,555	1,625	
TOTAL	1,422	42,488,266	128	1,776	\$73,927	\$36,335	\$115,860	\$226,122	

⁽¹⁾ 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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2005-2006									
Residential Programs									
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
Subtotal	1,623	17,837,703	55	1,064	0	8,487	108,480	116,967	
IEUA Multi-Family Direct Install Prog. (HET/ULFT)									
Multi-Family Program	930	10,515,538	32.27	645.42	0	97,650	55,800	153,450	11.1
Subtotal	930	10,515,538	32	645	0	97,650	55,800	153,450	
CII Save-A-Buck Rebate Program									
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
Subtotal	11	98,928	0	5	0	0	2,750	2,750	
TOTAL	2,564	28,452,169	87	1,714	0	\$106,137	\$167,030	\$273,167	
FY 2004-2005									
Residential Programs									
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
Subtotal	438	4,369,342	13	218	0	1,276	39,790	41,066	
IEUA Multi-Family Direct Install Prog. (HET/ULFT)									
Multi-Family Program	981	11,092,196	34.04	680.81	0	103,005	58,860	161,865	11.1
Subtotal	981	11,092,196	34	681	0	103,005	58,860	161,865	
CII Save-A-Buck Rebate Program									
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
Subtotal	3	26,980	0	1	0	0	750	750	
TOTAL	1,422	15,488,519	48	900	0	104,281	99,400	203,681	

⁽¹⁾ 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) ⁽¹⁾
					Outside Funding	IEUA	MWD	Total	
FY 2003-2004									
Residential Programs									
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
Subtotal	678	7,192,173	22	371	0	4,494	49,100	53,594	
IEUA Multi-Family Direct Install Prog. (HET/ULFT)									
Multi-Family Program	116	1,311,615	4.03	80.50	0	3,944	6,960	10,904	4.2
Subtotal	116	1,311,615	4	81	0	3,944	6,960	10,904	
CII Save-A-Buck Rebate Program									
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
Subtotal	34	1,043,636	3	20	0	1,700	5,800	7,500	
TOTAL	828	9,547,424	29	472	0	\$10,138	\$61,860	\$71,998	
FY 2002-2003									
Residential Programs									
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
Subtotal	410	5,103,791	16	223	0	1,940	35,350	37,290	
IEUA Multi-Family Direct Install Prog. (HET/ULFT)									
Multi-Family Program	83	938,483	2.88	57.60	0	2,822	4,980	7,802	4.1
Subtotal	83	938,483	3	58	0	2,822	4,980	7,802	
CII Save-A-Buck Rebate Program									
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
Subtotal	94	796,445	2	17	0.00	1,100.00	8,850.00	9,950.00	
TOTAL	587	6,838,720	21	298	0	5,862	49,180	55,042	

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