

Submitted by staff at
4/18/12 committee meeting

Item 4

REBATE PROGRAM SUMMARY		2012	2013 YTD	1997 - Present
I Application Summary				
A.	Applications Received	101	762	13731
B.	Applications Approved	69	592	10678
C.	Single Family Applications	98	680	12256
D.	Multi-Family Applications	2	26	747
E.	Non-Residential Applications	1	11	12
II Types of Fixtures Rebated				
A.	SFD HET	29	119	1734
B.	SFD ULF to HET	0	75	165
C.	UHET	0	0	0
D.	SFD HE DW	15	103	1315
E.	SFD HEW 5.0 or less Water Factor	31	262	2817
F.	Instant Access Hot Water Systems		12	117
G.	On Demand Hot Water-Point of Source		4	37
H.	Cisterns	2	20.4	90.4
I.	Smart Controllers		1	48.1
J.	Residential Zero Water Using Urinals		0	2
K.	Residential Soil Sensors		0	2
L.	Lawn Removal & Replacement		0	115
M.	Rotating Sprinkler Nozzles		0	51
N.	MFD HET		8	523
O.	MFD ULF to HET		23	25
P.	MFD HE DW	1	2	43
Q.	MFD HEW 5.0 or less Water Factor		10	83
R.	MFD Common Laundry		0	3
S.	Non-Residential - HET	20	0	351
T.	Non-Residential - ULF to HET		20	10
U.	Non-Residential - UHET		0	1
V.	Non-Residential HEW 5.0 or less Water Factor		5	70
W.	Non-Residential HE Dishwasher		0	5
X.	Non-Residential Zero Water Using Urinals		4	131
III Rebate Refund				
	Residential		0	23
	Non-Residential		0	0
IV Total Dollars Rebated		\$27,435	\$218,689	\$2,478,083
V Estimated Water Savings in Acre-Feet Annually*		3	11.593	332.396
* Retrofit savings are estimated at 0.041748 AF/HET; 0.01 AF/UHET; 0.01 AF/ULF to HET; 0.003 AF/dishwasher, 0.0161 AF/residential washer; 0.116618 AF/commercial washer; 0.0082 AF/100 square feet of lawn removal.				

REBATE PROGRAM 2012-2014
Individual Retrofit Water Savings Calculations

Item	Amount of Rebate	Life Time of Retrofit	Annual Savings Per Retrofit	Life Savings in AF	Cost per AF
High Efficiency Dishwasher	125.00	9.00			
High Efficiency Toilets (HET)	200.00	10.00	0.0417480	0.42	479.06
Residential High Efficiency Clothes Washer (HECW)	500.00	10.00	0.0240800	0.24	2,076.41
CII HECW (including common laundry rooms)	450.00	10.00	0.1166180	1.17	385.88
IAHWs and on-demand systems	200.00	10.00		0.00	
Zero Water Urinals	300.00	15.00	0.0921146	1.38	217.12
High Efficiency Urinals (0.5 gpf)	200.00	15.00	0.0806030	1.21	165.42
Pint Urinals	300.00	15.00	0.0870000	1.31	229.89
Rainwater storage	25.00	20.00		0.00	
Smart Controllers	300.00	10.00		0.00	
Rain Sensors	25.00	10.00		0.00	
Soil Moisture Sensors	25.00	10.00		0.00	
Lawn Removal & Replacement with Drought Tolerant or Permeable	1.25	15.00	0.0000338	0.00	2,468.57
Synthetic Turf	2.00	15.00	0.0000506	0.00	2,633.14
X-Ray recirculation	2,500.00	10.00	2.3780000	23.78	105.13
Cooling tower conductivity controller	1,000.00	5.00	1.03225	5.16	193.75
Cooling Tower pH/conductivity controllers	2,500.00	5.00	3.9815430	19.91	125.58
Pool covers	200.00	3.00		0.00	
Medical Equipment Steam sterilizer retrofit --	2,000.00	20.00	1.5380000	30.76	65.02
Steam oven (Combi)	1,500.00	12.00		0.00	
Boilerless/connectionless food steamers (per compartment)	1,500.00	10.00	0.25	2.50	600.00
Water Efficient Ice Machine	500.00	10.00	0.8345070	8.35	59.92
Dry vacuum pumps -- Retrofit or new construction per REBATE per 0.5 HP to	200.00	7.00	0.6400000	4.48	44.64
Rotator spray nozzles	1.50			0.00	
Waterless Wok	2,000.00	10.00		0.00	
3-Way valves	25.00	10.00		0.00	
Water Broom	150.00	5.00	0.1534000	0.77	195.57
Commercial Dishwasher - Med Size Food Service	1,000.00	20.00	0.2000000	4.00	250.00
Commercial Dishwasher -- Large size food service	1,000.00	20.00	0.3690000	7.38	135.50