



Conservation Update

Conservation and Local Resources Committee

Item 4b

April 9, 2019

Disadvantaged Communities Program

Three-part initiative approved December 2018

Regional Rebate Pilot Program

- Program launched March 18
- Extensive pre-launch outreach
- Funding reserved on first day
- Pre-inspections in process
- 128 applications received
- 15 member agencies represented



Disadvantaged Communities Program (con't)

Local Support to Member Agencies

- Outreach to all 26 member agencies
- Four local projects submitted
- Consultants hired to support MWD staff with agency assistance requests

Grant Funding

- USBR application submitted March 2019
 - \$1.5M requested
 - Outdoor direct install
- Proposition 1 opportunity for agencies

Conservation Expenditures

FY18/19 -19/20

	Paid ⁽¹⁾	Committed ⁽²⁾
Regional Devices	\$5.0M	\$2.4M
Member Agency Administered	\$0.9M	\$3.7M
Turf Replacement ⁽³⁾	\$0.5M	\$4.0M ⁽⁴⁾
Advertising	\$3.8M	\$1.2M
Other	\$0.9M	\$1.6M
TOTAL	\$11.1M	\$12.9M

(1) Modified Accrual as of 2/28/19. Values include admin fee when appropriate.

(2) Committed dollars as of 3/12/19.

(3) Up to \$50M in applications accepted each year. Draw from Water Stewardship Fund for expenditures above \$17M.

(4) Includes changes in turf replacement incentive to \$2/sq ft

Conservation Activity

FY18/19 -19/20

Lifetime Water Savings to be achieved by all rebates in February 2019: 8,751 AF
40,072 AF lifetime water savings (Fiscal Year)



Turf Replacement Rebates:

February: 344,060 ft² removed

FY18/19-19/20: 1,499,385 ft² removed



Clothes Washers:

February: 1,344 units rebated

FY18/19-19/20: 9,853 units rebated



Smart Controllers:

February: 1,214 units rebated

FY18/19-19/20: 8,988 units rebated



Urinals:

February: 3 units rebated

FY18/19-19/20: 184 units rebated



Rain Barrels and Cisterns:

February: 90 units rebated

FY18/19-19/20: 1,275 units rebated



Toilets:

February: 3,531 units rebated

FY18/19-19/20: 33,365 units rebated

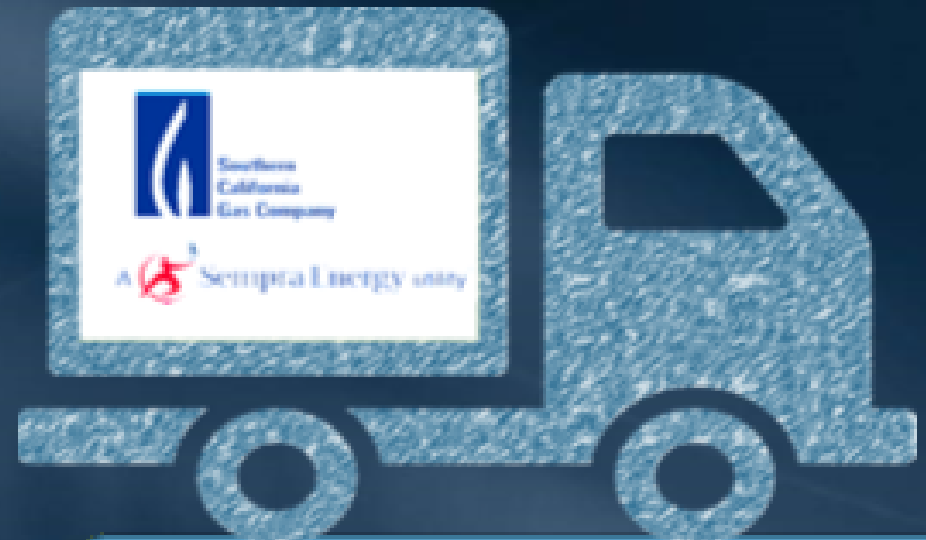
Residential HECW Fiscal Year to Date Activity

FY 18/19: **9,853 units**



8,683 units rebated

88%



1,170 units directly installed

12%

Water Savings Incentive Program (WSIP)



Commercial
Rebates



THE METROPOLITAN WATER DISTRICT
OF SOUTHERN CALIFORNIA

English | Commercial

WATER SAVINGS INCENTIVE PROGRAM

Your property is unique; your water savings project can be too

- **Performance-based incentives for customized water saving projects**
- **Goals**
 - **Reach out to large non-residential water users**
 - **Provide incentives for custom projects**
 - **Encourage long-term water management as a standard business practice**

Water Savings Incentive Program (WSIP)

Spotlight: Hitex Finishing & Dyeing, Inc.

- Location:
 - City of Industry
- Member Agency:
 - Upper San Gabriel Valley Municipal Water District
- Dyeing / finishing processes:
 - ~12 million pounds of fabric annually
- Current usage (3-year avg):
 - ~431 AF/yr



Water Savings Incentive Program (WSIP)

Hitex Finishing & Dyeing, Inc

- Installed onsite recycling system to reuse water in their processes
 - Target water use reduction: $\geq 70\%$
- Estimated water savings:
 - 281 AF/yr
- Eligible Project Costs:
 - Approx. \$1.5 Million
- Maximum WSIP incentive:
 - \$550,000 (paid in 2 installments)



Water Savings Incentive Program (WSIP)

Hitex Finishing & Dyeing, Inc

- Pre-project: **salty, dyed wastewater sent to sewer...**



Water Savings Incentive Program (WSIP)

Hitex Finishing & Dyeing, Inc

- Now: **treat and reuse water; reduced wastewater flows**



Water Savings Incentive Program (WSIP)

Hitex Finishing & Dyeing, Inc

- 1) Electro-coagulation based water treatment
- 2) Dissolved air flotation clarifier
- 3) Filter press for sludge/solids removal and disposal
- 4) Sand & iron filtration
- 5) Ultra filtration
- 6) Reverse osmosis



Water Savings Incentive Program (WSIP)

Hitex Finishing & Dyeing, Inc

Finished product water now suitable for reuse within the facility processes



