

Energy Efficiency

Reduce Your Use and Save

Putting Customers First   

Largest municipal utility in the nation, serving a population of 4 million within a 465 square mile area.

- 674,000 water customers
- 1.4 million electric customers

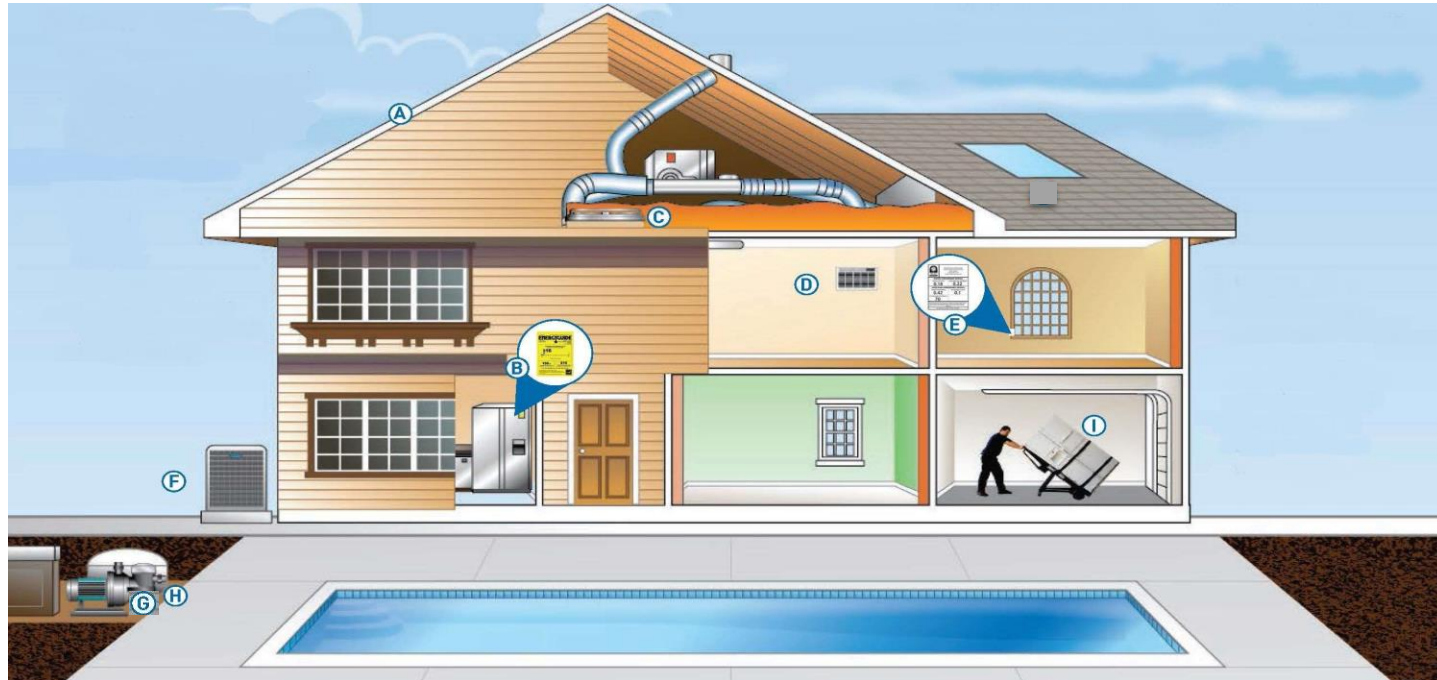
ABOUT LADWP

Why Energy Efficiency Matters

- Save money by using less energy
- Reduces amount of energy needed to meet customer demand
- Prevents overload on power grid
- Reduces City's carbon footprint (GHG emissions) by displacing fossil fuel

For all these reasons, Energy Efficiency is a key element of LADWP's Power Supply Transformation

Consumer Rebate Program



- A. Cool roofs –up to \$0.30/sq. ft.
- B. Energy Star® rated refrigerator - \$65
- C. Whole house fan - \$200/unit
- D. Energy Star® rated room A/C - \$50/unit
- E. Energy efficient windows - \$2/sq. ft.

- F. Central A/C or heat pump - \$100-\$120/ton
- G. Certified Pool Pump – up to \$1,000/unit
- H. Variable speed pool pump and motor - \$500/unit
- I. Recycling old refrigerator/freezer - \$50


Certified Pool Pump Replacement

- Single to Variable speed - \$1000.00
- Qualified models
www.ladwp.com/cppr
- Required documents
 - CRP Application
 - Addendum
- Pictures

Email: crp@ladwp.com

Website: www.ladwp.com/crp

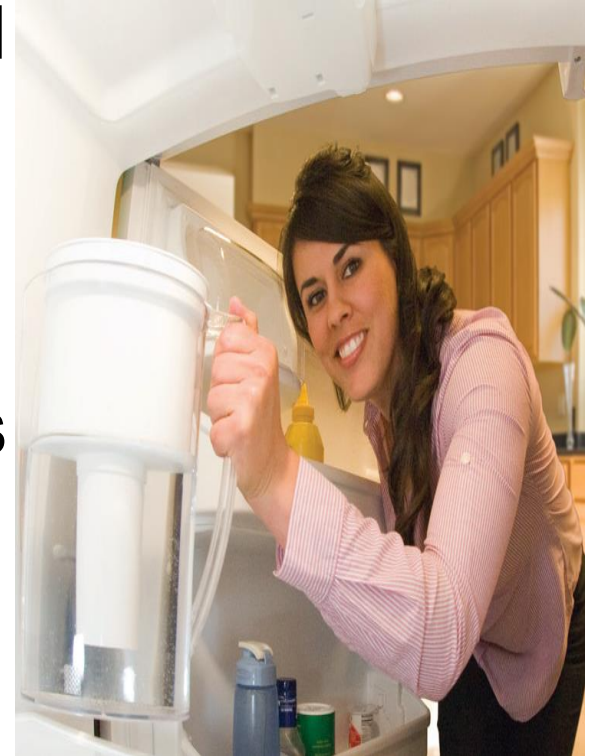
Hotline: (800) 374-2224

Los Angeles  Department of Water & Power Certified Pool Pump Replacement Program (CPPR) Single to Variable Speed (up to \$1,000) Rebate		
Consumer Rebate Program Addendum		
The Certified Pool Pump Replacement Program (CPPR) offers, for a limited time, up to a \$1,000 rebate to LADWP residential customers who have in-ground swimming pools filtered with a single-speed pool pump. This retrofit installation program is intended to retire older, inefficient single-speed pool pumps and motors with qualifying energy-efficient variable-speed pool pumps.		
Program Requirements:		
<ul style="list-style-type: none"> • Residence must have an existing in-ground swimming pool (new pool construction, ponds, decorative fountains, and spas do not qualify) • Swimming pool must be primarily filtered with a single-speed pool pump that is replaced with a qualifying variable speed pool pump and motor. See the LADWP qualified variable-speed Pool Pump and Motor list www.ladwp.com/poolpump • The qualifying pool pump must be installed and calibrated by a certified aquatic equipment installer between 02/15/2015 through 12/31/2016 • Pool pump must be programmed to: <ul style="list-style-type: none"> • Run only during 8:00 PM - 9:59 AM (off-peak electric demand hours) • Run for the minimum time necessary to maintain the water in the condition required by applicable public health standards and comply with California Energy Code calibration, low-speed default and maximum flow rate requirements. 		
Required Documentation:		
<input type="checkbox"/> This completed Addendum <input type="checkbox"/> Part "A" of the Consumer Rebate Program (CRP) Application <input type="checkbox"/> Paid invoice/receipt for the qualifying variable-speed pool pump and motor (purchased on or after 02/15/2015 and on or before 12/31/2016) that lists the purchase date, retailer name, address, phone number, pool pump make and model number <input type="checkbox"/> Proof of installation that includes the business name, address, telephone number, the certified installer's name, and pool pump controller settings that include pool volume, high and low speed run times and GPM for each setting <input type="checkbox"/> A copy of the aquatic equipment installer certificate or aquatic energy auditor certificate that corresponds to the installer listed in the proof of installation. Acceptable certification must be issued by a recognized pool industry, governmental, or a utility-sponsored agency upon course completion. The certified course training must include optimizing energy efficiency when calibrating, installing and programming a variable-speed pool pump.		
Pictures Required:		
<input type="checkbox"/> In-ground swimming pool <input type="checkbox"/> INSTALLED single-speed pool pump (prior to removal) NOTE: The removed single-speed pool pump must remain onsite to be verified during LADWP variable-speed installation inspection.	<input type="checkbox"/> Single-speed pool pump specification label that lists the make, model, and serial number. <input type="checkbox"/> Variable-speed pool pump specification label that lists the make, model, and serial number <input type="checkbox"/> INSTALLED variable-speed pool pump and motor (after installation)	
LADWP Service and Installation Address	City	Zip
LADWP Account Holder Name	LADWP Account Number	Telephone Number
Single-Speed Pump and Motor Information		
Manufacturer:	Model#:	Serial #:
Variable-Speed or Variable Flow Pool Pump and Motor Information (Limit 1 per household)		
Manufacturer:	Purchase Date:	
Model#:	Installation Date:	
Variable Speed Pump Controller Settings		Pool Volume
High Speed <input type="checkbox"/> AM to <input type="checkbox"/> AM	Low Speed <input type="checkbox"/> AM to <input type="checkbox"/> AM	_____ Gallons
Run Time: <input type="checkbox"/> PM to <input type="checkbox"/> PM	Run Time: <input type="checkbox"/> PM to <input type="checkbox"/> PM	
GPM: _____	GPM: _____	
By submitting this Addendum along with Part A of the CRP application, I certify that I am in compliance with the terms and conditions listed in the LADWP CRP application and I meet all of the requirements to participate in the CPPR program.		LADWP Account Holder's Initials _____



Refrigerator Turn-In and Recycle (RETIRE)

- Recycle old, inefficient refrigerators and freezers – receive \$50 rebate
- Limit of 2 rebates appliances/household/year
- Reduce energy consumption and saves money
- Administered by: Appliance Recycling Centers of America (ARCA)



Email: crp@ladwp.com

LADWP Website: www.ladwp.com/retire

ARCA Website: www.arcaincutility.com

ARCA: (800) 246-0441

Refrigerator Exchange Program

Exchanges qualified older model refrigerators

FREE of charge for new Energy Star® rated refrigerators.

Multi-Family & Non-Profit

- Qualified multi-residential or mobile home community
- Civic organization
- Community organization
- Faith-based organization
- Educational institution

Email: lirep@ladwp.com

Website: www.ladwp.com/lirep

LADWP Hotline: (888) 388-6642

Income Qualified Customer

- Low Income discount rate
- Lifeline discount rate

Email: cs@arcainc.com

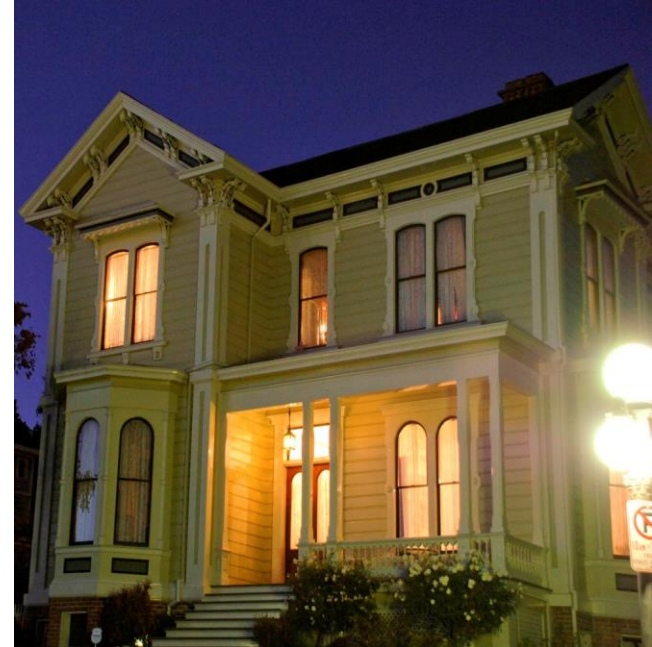
Website: www.ladwp.com/lirep

ARCA Hotline: (800) 722-9340

Home Energy Improvement Program (HEIP)

Free Program

- Provides free efficiency upgrades
- Covers cost of labor and materials
- Utilizes LADWP workforce and approved contractors



Email: heip@ladwp.com

Website: www.ladwp.com/heip

External Hotline: (888) 822-8497

Internal Hotline: (213) 367-9024

Efficient Product Marketplace

- Valid from August 15, 2016 – August 14, 2017
- Rebate for the purchase of energy efficient products
- On-line application and receipt submission
- Receive prepaid LADWP gift card
- There are product limits per household/program year (see website)
 - Televisions
 - Fridges
 - Lighting
 - Room A/Cs
 - Smart Thermostats
 - Advanced Power Strips

Email: ladwp@enervee.net

Website: www.ladwp.com/epm

Enervee: (844) 363-7833 Ext. 3



AC Optimization Program

Free Program

**Temporarily Suspended for Program Redesign
Anticipated Relaunch Spring 2017**

Eligibility Requirements

- LADWP electric customer
- Central A/C at least 1 year old
- System size 1-10 tons
- System must be operational
- Renters need owners permission



AC Optimization Program

Temporarily Suspended for Program Redesign
Anticipated Relaunch Spring 2017

Basic tune-up:

- Electronic diagnostics test
- Outdoor coil cleaning
- Air filter replacement
- Refrigerant check
- Refrigerant recharge (if needed)



AC Optimization Program

Temporarily Suspended for Program Redesign
Anticipated Relaunch Spring 2017

There's more:

- FREE Wi-Fi enabled smart thermostat
- Install
- Set-up



Email: acopt@ladwp.com

LADWP Website: www.ladwp.com/acopt

Application Website: www.ladwp-acopt.com

Application Phone Number: (877) 427-0418

More Energy-saving Programs for LADWP Customers

Energy Upgrade CA

- Residential LADWP & SoCal Gas Customers
- Detached single-family homes
- Receive up to \$6,500 for completed qualifying energy-saving home upgrade projects

www.energyupgradeca.org

California Advanced Homes

- Residential New Construction
- Sustainable design and construction, and green building practices
- Education, design assistance and financial support

www.socalgas.com



WATER CONSERVATION





Sources of Water for Los Angeles



Sierra Mountains

Bay Delta

State Water Project

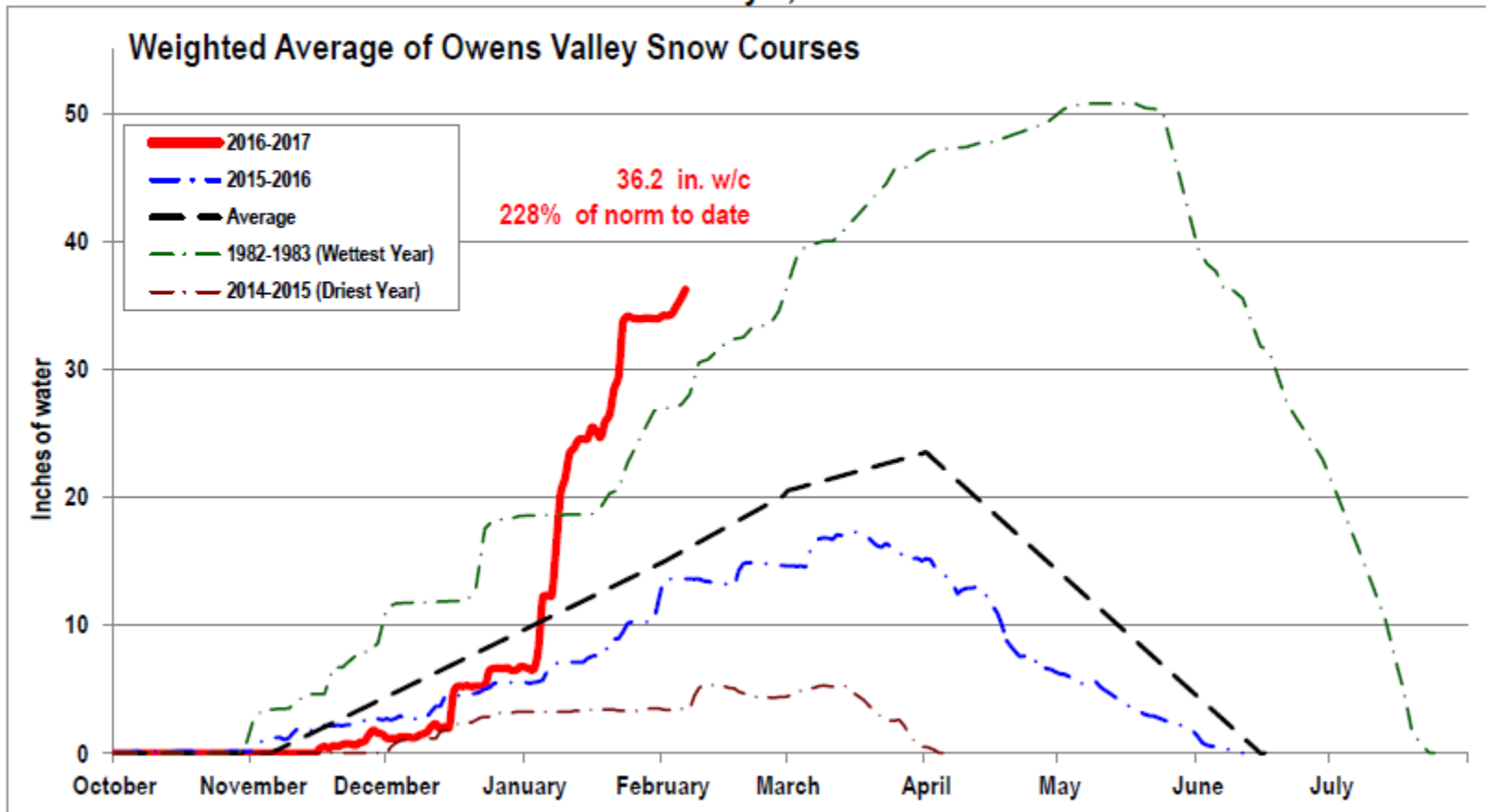
Local Groundwater,
Stormwater,
Conservation &
Recycling

LA
Aqueduct

Colorado River
Aqueduct



EASTERN SIERRA
CURRENT PRECIPITATION CONDITIONS
February 6, 2017



Residential Water Use

Household Use	Gallons
Shower	2.5 gallons per minute
Bathtub	20 – 25 gallons
Dishwasher	10-20 gallons per load
Clothes Washer	20-50 gallons per load
Toilet	1.6 - 5 gallons per flush
Kitchen/Bathroom Faucet	2.5 gallons per minute
Garden Hose	8-12 gallons per minute
Pop-Up spray heads	1.5 gallons per minute

Free Water Conservation Items

Bathroom Faucet Aerators



Kitchen Faucet Aerators



Showerheads



**Visit your nearest Customer Service Center
or call 800-544-4498 and select option 5**

Conserve Water Today

Reducing your
water footprint
is easier than you think

SAVE UP TO
10 GALLONS
A DAY.



Turn off the faucet when brushing or shaving.

SAVE UP TO
10 GALLONS
A DAY.



Use a broom instead of a hose to clean your driveway.

SAVE ABOUT
15 GALLONS
A DAY.



Take shorter showers and install a water-efficient shower head.

SAVE UP TO
30 GALLONS
A DAY.



Wash only full loads of laundry and install a high efficiency washer.

SAVE UP TO
50 GALLONS
A DAY.



Install a high efficiency toilet and fix running toilet tanks.

Watering Restriction in Effect

- 3 watering days per week
- Before 9am or after 4pm
- Odd-numbered addresses: Mon, Wed, and Fri
- Even-numbered addresses: Tues, Thurs, and Sun



Residential Programs

- Turf Replacement Program
- Rain Barrel/Cistern Incentive
- Clothes Washer Incentive
- Toilet Replacement Incentive
- Rotary Nozzle Incentive
- Weather Based Irrigation Controller



Irrigation

Weather-Based Irrigation Controllers



\$200

Rain Barrels



**Up to \$50/barrel
Cistern \$300-\$500**

Rotating Nozzles

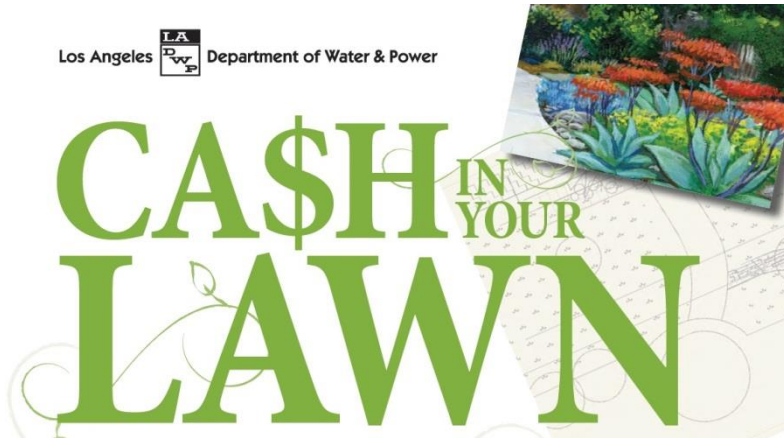


**Up to \$6
(min 30)**

www.socalwatersmart.com

California Friendly® Landscape Incentive Program

Los Angeles  Department of Water & Power



Give your lawn a makeover!
\$1.75 per square foot of turf replaced

Plant types: **Natives**,
Mediterranean and **Succulents**

Turf Replacement



Inside Your Home



Replace 1.6 gpf with a ≤ 1.1 gpf
toilet

**Up to
\$100**



Exceed CEE
Tier 1

\$300

To verify eligibility visit
www.socalwatersmart.com

Questions