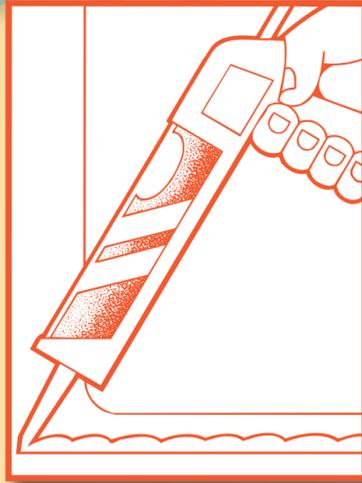


# NEW YEAR New Conservation Habits

Start the new year with a different resolution – conserve more energy and water this year. GWP encourages customers to make minor changes in how you use electricity and water to help you reduce consumption and lower your bills.

## Energy Conservation Tips to Help You Save Money and Energy

- Turn off the lights in unoccupied rooms
- Replace all incandescent light bulbs with compact fluorescent light bulbs (CFLs). Buy them online on our website [www.GlendaleWaterAndPower.com](http://www.GlendaleWaterAndPower.com).
- Let the sunshine in! Open drapes and let the sun heat your home for free. Close drapes at night to help keep the cold air out and warm air in.
- Unplug unnecessary appliances that have clocks or timers when not in use
- Turn off the computer when not in use
- Close the chimney damper to prevent warm air from escaping.
- Turn down the temperature on your water heater to 120 degrees F.
- Recycle that spare refrigerator in the garage. This seemingly convenient way to keep extra drinks cold adds 10-25 percent to your electric bill. Call GWP for free secondary refrigerator recycling, receive a \$25 discount on your next bill and six free CFLs.
- Use weather stripping or caulking to seal gaps in walls, floors, windows and doorways. Sealing air gaps is often the most cost effective way to improve energy efficiency and comfort in your home. ENERGY STAR estimates that a homeowner can save up to 20% on heating and cooling costs (or up to 10% on their total annual energy bill) by sealing and insulating.
- Don't turn on all the lights when you can simply turn on one fixture in a room and still have enough light.
- Upgrade old appliances with ENERGY STAR models. Rebates are available through our Smart Home Rebate Program call 1-866-557-1411 or see page 4 for more information.
- Increase the attic insulation in your home. Many older homes have very little insulation which allows heat to escape in the winter and cooler air to escape in the summer. GWP offers rebates for attic insulation. If you want to know how much insulation your home needs, sign-up for a free Smart Home Survey. Call 818-265-5062.



## Water Conservation tips

Are you watering your home's landscape every day? In the winter months, try watering your landscape only three times a week and reduce watering times by two minutes at every station.

Adjust those sprinklers. If you notice your sprinklers are watering the sidewalk and street instead of your grass, then its time to make some minor adjustments. Make a note to check on your sprinklers every two weeks to see what exactly they are watering.

## Other Water Saving Tips Include:

- Take shorter showers
- Catch the tap water from the faucet or shower while waiting for the water to get warm
- Catch the tap water while washing fruits and vegetables (use the water to water plants)
- Don't hose down driveways and walkways
- Turn off the faucet while brushing your teeth or shaving

# GWP has the Answer...???

Q  
A

Can I use your online services to open a new account or close my existing service?

**Yes! Existing GWP customers may request to transfer or stop their utility service by simply, visiting our website at [www.GlendaleWaterAndPower.com](http://www.GlendaleWaterAndPower.com).** On the home page at the top right click on, "Your Account", and log on. If you don't have a log on ID, you can enter your information for online access. Once logged in, select "Moving" from the menu option. By selecting one of the three options below your order will be expedited, and a confirmation of your request will be sent to you:

- I am moving out of my current home, into a new home in Glendale. I would like to have my current service disconnected and service connected at my new home.
- I am moving out and I would like to have my service disconnected.
- I have purchased another home in Glendale and I would like to have service setup.

With online services you can do much more than just starting or stopping utility service. You can make a payment, view detailed account information, and review your water and electric usage. We look forward to serving you at [www.GlendaleWaterAndPower.com](http://www.GlendaleWaterAndPower.com)!

From The **Source** Glendale Water & Power News

141 North Glendale Ave., Level 2, Glendale, CA 91206

February 2009 • Volume 9, Number 1

City of Glendale Water & Power  
GWP  
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Glendale, CA 912  
Permit #1728

- In This Issue**
- 2** Fuel and Water Adjustment Decrease
  - 4** GWP's New Low-Income Program
  - 5** New Conservation Habits

## Grayson Power Plant Finally Dedicated



GWP General Manager, Glenn Steiger recognizes the importance of the Grayson Power Plant and the efforts of its staff to keep it running.

The new plaque that tells the story of the Grayson Power Plant, its history and its importance to our community.



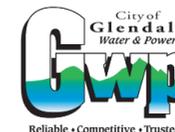
On Thursday, December 4th, the Grayson Power Plant was dedicated and officially named the Grayson Power Plant. Our dedication was "lost in time" for 67 years after the original ceremony was shelved as the country entered into World War II.

The natural gas and steam power plant came online in December of 1941. Pearl Harbor was attacked on December 7th, 1941 and with it the United States entered into World War II, and any hope of dedicating the plant was lost. Almost seven decades later, dozens of City officials and, past and current employees gathered at the plant to recognize the long overdue dedication. A bronze plaque was unveiled and will soon be placed on the main building of the power plant describing the importance of the Grayson Power Plant to the City of Glendale and its residents.

# ReSource Central

## Glendale Water & Power Office Hours

Customer Services Hours: **Monday – Thursday 8:30 a.m. – 5:00 p.m. Fridays: 8:30 a.m. – 4:30 p.m.**  
 Drive-Up Bill Payment Hours: **Monday – Friday 9:00 a.m. – 4:00 p.m.**  
 Engineering Counter Hours: **Monday – Thursday 7:30 a.m. – 4:45 p.m. Fridays: 8:00 a.m. – 4:15 p.m.**  
**Closed: February 16 (President's Day)**



**Glendale Water & Power Commission Meetings:** 1st Monday of each month at 4:00 p.m. Glendale City Council Chambers (except holidays)

|  |   |  |   |
|--|---|--|---|
| <b>GWP Electric Bill Questions:</b><br>818.548.3300                                | <b>Water Emergencies:</b><br>818.548.2011                       | <b>Senior Citizen Discounts:</b><br>818.548.3300         | <b>Smart Home Air Conditioning / Duct Programs:</b><br>1.877.422.2432 (toll-free) |
| <b>GWP Water Bill Questions:</b><br>818.548.3300                                   | <b>Street Light Repair:</b><br>818.548.2011                     | <b>Smart Home Surveys:</b><br>818.265.5062               | <b>Smart Business Lighting Rebates Program:</b><br>818.548.2750                   |
| <b>GWP Automated Telephone Service:</b><br>818.548.3300                            | <b>Trees in Electric Wires:</b><br>818.550.4584 or 818.548.2011 | <b>Smart Home Rebates:</b><br>1.866.557.1411 (toll-free) | <b>Smart Business Energy Saving &amp; Upgrade Program:</b><br>1.800.263.9313      |
| <b>GWP Automated Telephone Service For Hearing Impaired (TTY):</b><br>818.409.7062 | <b>Tree Power:</b><br>818.957.4425                              | <b>Smart Home Solar Solutions:</b><br>818.548.2750       |   |
| <b>Electric Emergency:</b><br>818.548.2011   | <b>Solar Solutions:</b><br>818.548-2750                         | <b>Peak Hogs Program:</b><br>818.548.3300                |   |

City of Glendale Website: [www.ci.glendale.ca.us](http://www.ci.glendale.ca.us) Glendale Water & Power Website: [www.GlendaleWaterAndPower.com](http://www.GlendaleWaterAndPower.com)

# CONSERVATION CORNER

## Conserve Water When It Rains

Experts say even a very wet winter won't come close to replenishing our water sources after so many years of drought. The Metropolitan Water District (MWD), which supplies 70 percent of Glendale's water, is warning of possible shortages and rationing in 2009.

It's extremely important to squeeze every last drop out of every last drop! Watch weather reports for rain and shut off your sprinkler system a few days ahead of time so your soil will be ready to absorb the rainfall. Keep your sprinklers off for at least three days after it rains to conserve water on a lawn that has had the good fortune to be irrigated naturally.

## Report Water Waste

If you see:

- sprinklers that are broken, leaking or watering the sidewalks instead of lawns,
- sprinklers on between 10:00 a.m. and 5:00 p.m., or
- see someone wasting water and you aren't comfortable contacting them, you can call us and we will notify them.

We all have to work together to reach our water conservation goal. To report water waste anonymously please call us (818) 548-3300

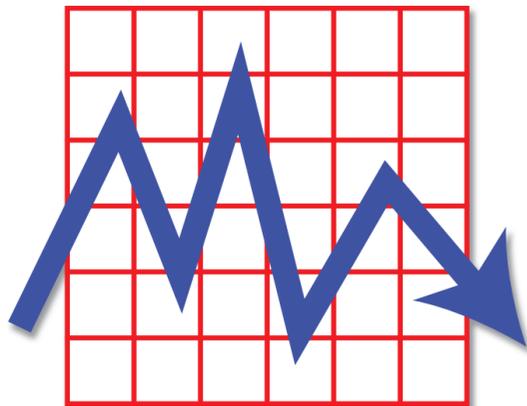
## Fuel and Water Adjustment Charge Decrease

On January 1, 2009, GWP announced the fuel and water adjustment charges on customers' bills will be decreased by 13.5% and 5.5% respectively. The Fuel Adjustment Charge (FAC) is a charge on electric bills and is dependent on the costs of power GWP purchases and fuel used to generate power. It is adjusted twice each year to reflect variations in energy costs.

The FAC rate was reduced by 13.5% to \$.0621 cents from \$.0718. The average customer will save about 5.9% or \$ 8.90 on their bi-monthly GWP bill.

The current water adjustment charge (WAC) rate for potable water will decrease 5.5% from \$1.27 per hundred cubic feet to \$1.20 per hundred cubic feet. The adjustment charge component for recycled water will decrease 5.5% from \$0.9525 per hundred cubic feet to \$0.90 per hundred cubic feet. The recycled adjustment decrease will only apply to those customers that are receiving recycled water.

"Since the cost of energy has recently declined from the higher levels we experienced early last summer, GWP established a new FAC that reflects the cost we pay for energy, says Glenn Steiger, GWP General Manager. "While GWP is subject to energy market fluctuations, we utilize a portfolio approach to energy procurement and production which allows us to soften some of the extreme market swings," Steiger added. In an effort to further stabilize rates, GWP has recently implemented a more



## How Much Electricity Do My Appliances Use?

Appliances and home electronics consume about 20% of your household energy. Most of us leave our home electronics on all day long wasting energy, or use old appliances that consume too much energy. Managing the use of your appliances and home electronics will reduce your energy bills.

Old appliances waste too much energy. Refrigerators, clothes washers, and clothes dryers are at the top of the consumption list. If you have an old refrigerator at home chances are it is working extra hard to keep the food cold. If you have an old clothes dryer, you are running your dryer half an hour longer to get your clothes to dry. Today's refrigerators and clothes washers/dryers use less energy than the old models because they must meet minimum federal energy efficiency standards.

To estimate appliance energy consumption follow the formula below. An example is provided. Refer to the U.S. Department of Energy's chart below for information on different appliances and their wattage.

$$\text{Wattage} \times \text{Hours Used Per Day} \div 1000 = \text{Daily Kilowatt-hour (kWh) consumption}$$

$$1 \text{ kilowatt (kW)} = 1,000 \text{ Watt}$$

For example: Plasma 40" Television

$$(400 \text{ Watts} \times 6 \text{ hours/day} \times 365 \text{ days/year}) \div 1000 = 876 \text{ kWh} \times \$0.18 \text{ cents per kWh} = \$157.68/\text{year}$$

Plug home electronics into power strips and turn off the power strips when the equipment is not in use. TVs and DVDs in standby mode still use several watts of power. When should we turn off our personal computers? We assume that when our PC is on screen saver we are saving energy, however it's the opposite. Screen savers may in fact use more power than not using one. Turn off your monitor if you aren't going to use your PC for more than 20 minutes, and turn off your PC if you're not going to use it for more than one hour.

How much energy do my computer and monitor use? Use the same formula below to calculate how much energy your personal computer uses.

$$\text{Wattage} \times \text{Hours Used Per Day} \div 1000 = \text{Daily Kilowatt-hour (kWh) consumption}$$

$$1 \text{ kilowatt (kW)} = 1,000 \text{ Watts}$$

For example: Personal Computer and Monitor

$$(120 \text{ Watts for the CPU} + 150 \text{ Watts for the monitor} \times 6 \text{ hours/day} \times 365 \text{ days/year}) \div 1000 = 591 \text{ kWh} \times \$0.18 \text{ cents per kWh} = \$106.43/\text{year}$$

| APPLIANCE       | WATTS             | APPLIANCE                                 | WATTS            |
|-----------------|-------------------|---|------------------|
| Clock Radio     | 10                | Personal Computer                         |                  |
| Coffee Maker    | 900 - 1200        | CPU - awake / asleep                      | 120 / 30 or less |
| Clothes Washer  | 350 - 500         | Monitor - awake / asleep                  | 150 / 30 or less |
| Clothes Dryer   | 1800 - 5000       | Laptop                                    | 50               |
| Dishwasher      | 1200 - 2400       | Refrigerator* (frost-free, 16 cubic feet) | 725              |
| Hair Dryer      | 1200 - 1875       | Televisions (color)                       |                  |
| Portable Heater | 750 - 1500        | 19"                                       | 65 - 100         |
| Microwave Oven  | 750 - 1100        | 27"                                       | 113              |
| Toaster         | 800 - 1400        | 36"                                       | 133              |
| Toaster Oven    | 1225              | 53" - 61" Projection                      | 170              |
| VCR / DVD       | 17 - 21 / 20 - 25 | 40"/50" plasma television                 | 400/500          |
| Vacuum Cleaner  | 1000 - 1440       |   |                  |
| Electric Heater | 4500 - 5500       |   |                  |

\*Note: To estimate the number of hours that a refrigerator actually operates at its maximum wattage, divide the total time the refrigerator is plugged in by three. Refrigerators, although turned "on" all the time, actually cycle on and off as needed to maintain interior temperatures.

## Smart Home Rebates

When shopping for new appliances look for the ENERGY STAR label. After your purchase, apply for cash rebates through GWP's Smart Home Energy and Water Saving Rebate Program. We offer cash rebates for the home improvement products listed in the chart to the right. For more information or an application call 1-866-557-1411



| Appliance  | Purchased Outside Glendale | Purchased Inside Glendale |
|--|----------------------------|---------------------------|
| ENERGY STAR Washer   | \$ 60                      | \$ 80                     |
| ENERGY STAR Refrigerator   | \$ 60                      | \$ 80                     |
| ENERGY STAR Dishwasher   | \$ 30                      | \$ 40                     |
| ENERGY STAR Room Air Conditioner   | \$ 50                      | \$ 60                     |
| ENERGY STAR Room Central Air Conditioner<br><small>14 SEER or higher for both single packages and split systems</small>  | \$100 per ton              | \$125 per ton             |
| ENERGY STAR High Performance Windows<br><small>U-factors less than or = 0.40 and SHGC factor less than or = 0.40.</small>  | \$2.00 per sq. ft.         | \$2.50 per sq. ft.        |
| ENERGY STAR Reprogrammable Thermostat  | \$ 10                      | \$ 20                     |
| ENERGY STAR Ceiling Fan*   | \$ 15                      | \$ 20                     |
| Attic Insulation<br><small>Minimum R-30 required insulation level for rebate. Requires a free Smart Home Energy &amp; Water Audit. Call (818) 256-5062 to schedule an appointment.</small> | \$0.10 per sq. ft.         | \$0.125 per sq. ft.       |
| Solar Attic Fan*   | \$100                      | \$125                     |
| 1.6 gallon Ultra-Low Flush Toilet<br><small>Limit 3 per residence. New construction not eligible.</small>  | \$ 30                      | \$ 40                     |
| 1.6 gallon Dual Flush Toilet<br><small>Limit 3 per residence. New construction not eligible.</small>   | \$100                      | \$125                     |
| ENERGY STAR CFL Torchiere*   | \$ 10                      | \$ 15                     |
| High Efficiency Pool Pump  | \$ 100                     | \$ 125                    |

All ENERGY STAR qualified products meet strict energy efficiency guidelines set by the EPA and US Department of Energy. These guidelines can change each year. As an ENERGY STAR partner, GWP will honor these updated guidelines and will follow them when processing rebates. Funding is limited and rebates are not guaranteed. Applications will be accepted on a first-come, first-served basis. This program shall at times be subject to change or termination without notice.

## Glendale Water & Power's New Low Income Discount Program, Glendale Care is here!

Glendale Water & Power's new low-income discount program Glendale Care is open for enrollment. Eligible low-income customers receive a \$10.00 discount off of their electric utility bill each month. Since GWP bills are bi-monthly, the total discount applied will be \$20 on the total GWP electric bill. Enrollment is simple, follow these simple steps.

| Current Income Eligibility Guidelines* |                             |
|--|-----------------------------|
| Number of Household Members            | Maximum Gross Annual Income |
| 1-2                                    | \$30,500                    |
| 3                                      | \$35,800                    |
| 4                                      | \$43,200                    |
| 5                                      | \$50,600                    |

*For each additional household member, add \$7,400.  
\*Income guidelines are updated every June.*

- Make sure your household meets the income eligibility guidelines to the left
- Call GWP for a Glendale Care application (818) 548-3300 or download an application from our web site [www.GlendaleWaterAndPower.com](http://www.GlendaleWaterAndPower.com)
- Fill-in the application and provide documentation showing your low-income status. Application will have more details on the types of documents GWP requires for eligibility.

Customers that are currently enrolled in our Senior Care Program are not eligible for the Glendale Care Program. For questions and more information please call GWP customer service at (818) 548-3300 or visit [www.GlendaleWaterandPower.com](http://www.GlendaleWaterandPower.com)