

CONSERVATION CORNER

START A NEW Energy Efficient HOLIDAY TRADITION

Winter is here. We know this, if only by the fact that darkness comes at an earlier hour and we are turning our lights on earlier in the evening. Winter also signals the approach of the year-end holidays that highlight this season.

We all enjoy the lighted decorations and special holiday lights, the cooking of special meals, and the entertaining of guests this time of year. However, GWP reminds you that since these holiday festivities all add to increases in electricity usage, they may also mean the approach of a higher electric bill in January or February.

Yet, it's not difficult to start a new tradition of keeping added holiday energy costs to a minimum. Just follow these few simple tips:

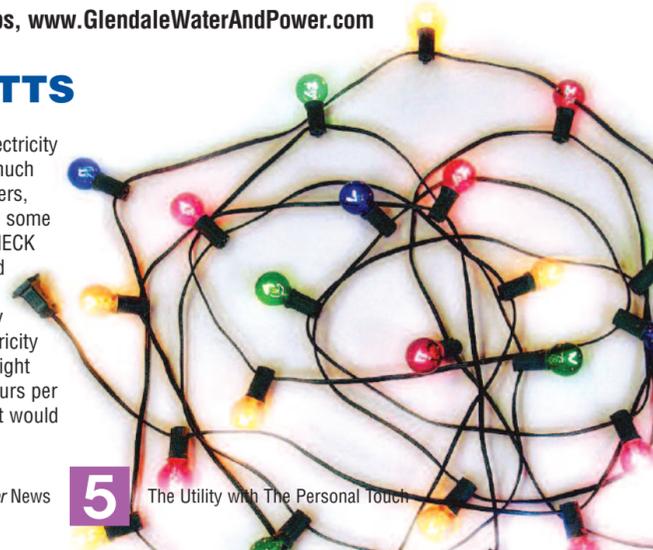
- Don't open the oven door to take a peek. Instead, turn on the oven light to check the cooking status through the oven window.
- As long as your oven is on and hot, cook several items at the same time. And, if you have a self-cleaning oven, consider cleaning it while it is still warm immediately after you have finished your baking.
- Help your refrigerator and freezer operate efficiently by keeping the doors closed as much as possible. Leaving the door open for a longer period of time while you take out the items you need is more efficient than opening and closing it several times.
- Wash only full loads in your dishwasher. Using the energy-saving cycle on your dishwasher, such as air drying or overnight dry settings, can save up to 10% of your dish washing energy costs.

RECEIVING LOWER ELECTRIC BILLS AFTER THE HOLIDAYS WILL START 2007 OFF RIGHT.

Check our website for more tips, www.GlendaleWaterAndPower.com

CHECK THE WATTS

To give you an idea of the amount of electricity used by popular decorations and how much that electricity would cost GWP customers, we surveyed the holiday merchandise in some local stores. To determine the costs, CHECK THE WATTS. A 48 inch, 200 mini-lighted 82 watt animated snowman, on your front lawn, would cost \$.65 in electricity for a week at 6 hours per day. The electricity for a 140 light, 490 watt chasing mini light set would cost \$ 3.75 per week at 6 hours per day. A 100 regular mini light 24 watt set would cost less than \$.20. ■



Christmas Tree Recycling

Each year, the City provides a special program to collect Christmas trees at the curb on your trash pick-up day. This year, trees will be collected from the first working day after Christmas, December 26, 2006 through January 19, 2007.

Single-family residents of the City should put their trees on the parkway by 7 a.m. on their scheduled trash day. Multi-family residents and businesses should call the Integrated Waste Management Division at 818-548-3916 to find out what their scheduled day will be.

Please remove all ornaments, decorations, nails, buckets, bags, and stands before putting trees out for recycling. Flocked trees are acceptable. Trees more than eight feet tall must be cut in half. Residents with yard-trimming (green) containers may clip the branches, cut their trees, and fit them into their containers. Remember not to jam materials into the container, and to be sure the lid closes completely. ■



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: December 25 (Christmas Day) January 1 (New Years Day) January 15 (Martin Luther King Birthday)

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



GWP Electric Bill Questions: 818.548.3300

GWP Water Bill Questions: 818.548.3300

GWP Automated Telephone Service: 818.548.3300

GWP Automated Telephone Service For Hearing Impaired (TTY): 818.409.7062

Power Outage: 818.548.2011

Water Emergencies: 818.548.2011

Street Light Repair: 818.548.2011

Trees in Electric Wires: 818.548.4861 or 818.548.2011

Tree Power: 818.957.4425

Senior Citizen Discounts: 818.548.3300

Smart Home Surveys: 818.265.5062

Smart Home Rebates: 1.866.557.1411 (toll-free)

Smart Home Solar Solutions: 818.548.2750

Peak Hogs Program: 818.548.3300

Smart Home Air Conditioning/Duct Programs: 1.877.422.2432 (toll-free)

Smart Business Lighting Rebates Program: 818.548.2750

Smart Business Energy Saving & Upgrade Program: 1.800.263.9313

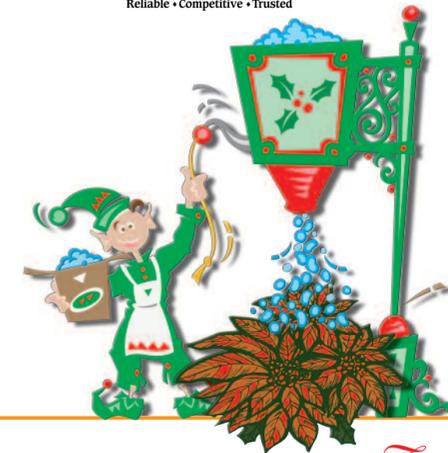
From The Source

Glendale Water & Power News



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

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Reliable • Competitive • Trusted

The Employees of
Glendale Water & Power
 Wish You A Joyous Holiday Season
 And A Prosperous New Year





2006

A Record Year of Accomplishments

GWP delivers electricity to **83,408 electric meters** and water to **33,040 water meters**. In the last year, our customers used **1,150,410,139 kilowatt hours (kWh)** of electricity and **14,324,583 hundred cubic feet (HCF)** of water.

BUILDING TODAY FOR A STRONGER TOMORROW

GWP kept the power on this summer during weeks of intense record-breaking heat and electric usage. On Monday afternoon, July 24, the electric demand in Glendale hit **336 megawatts**. This broke the September 1998 record of 315 megawatts.

GWP's pole and cable replacement program affects our **15,000** utility poles, **2,000** underground vaults and over **500 miles** of electrical wires. This year, **4,400 feet** of new underground substructures and **9,100 circuit feet** of new 12kV underground wiring were installed.

In 2006, **11 circuit miles** of 4kV feeders were reconstructed for 12kV operation. Since 2004, **70 circuit miles** have been upgraded to improve the efficiency of our system.

GWP replaced **4 aging major transformers** at various sites throughout the city.

PRESERVING WATER QUALITY AND RELIABILITY

This year, **2 miles** of aging 4 inch water pipes were replaced with new 8 inch water mains. We also replaced **5 large valves**. Since 2004, the water main project totals are **10 miles of pipeline**, and **15 large valves**.

The design contract has been awarded for the replacement of the Chevy Chase Reservoir, with anticipated completion in 2010. **35 water reservoirs** have been fitted with new advanced solar-powered mixing equipment to maintain the high quality of our water in storage.



WORKING WITH OUR CUSTOMERS AND THE COMMUNITY

In 2006, Customer Service Representatives answered **92,245** telephone calls and assisted **88,478** walk-in customers.

56,683 customers paid their utility bills through our automated phone service or on-line with **eCARE**, and **11,574** enrolled in our new paperless **eBILL** program.

We participated in more than **60** Community-sponsored events during 2006.

ENERGY, WATER AND MONEY SAVING PROGRAMS

5,600 low income households received service through our Senior Care, Guardian, Helping Hand, and Peak Hogs programs.

Through our Smart Home Programs, over **1,300** customers received a free energy and water saving survey of their home and over **4,200** rebates were provided to our customers for the purchase of approved appliances and home improvement products. We installed **480** free upgrades in small businesses through our Smart Business Programs.

Total annual demand and energy savings are estimated at **1,533 kW** and **8,430 MWh**.

Log onto our website for information about all the programs we offer to help save you energy, water and money: www.GlendaleWaterAndPower.com... Or call 818-548-3300.

IN TUNE WITH THE ENVIRONMENT

In December 2003, Glendale adopted a Renewables Portfolio Standard (RPS) that established a goal for the amount of energy from renewable sources ("green power") GWP will include in the power we sell. The RPS calls for the addition of cost-effective renewable resources to meet a 20% goal, with the possibility of 23%, of GWP's retail electric energy needs by 2017.

Glendale *Water & Power* has a long history of promoting clean, green energy. In 1937, Glendale became one of the first California cities to purchase hydro-power from Hoover Dam. In the 1990's, GWP began piping landfill gas from Scholl Canyon to use as fuel for our Grayson Power plant. With the signing of additional contracts in 2006, Glendale's annual total of electrical energy from "green power" is over **190 Gigawatt hours (GWh)**.

Renewable resources are energy resources that either cannot be used up or are quickly replenished through natural processes. They include:

WASTE FUELS are combustible residues from industrial processes, municipal solid waste (garbage), and municipal liquid wastes. In Glendale, the methane gas that is naturally produced by the waste at Scholl Canyon Landfill is captured and used as fuel at our Grayson Power Plant. Annually, GWP generates **69 GWh** of electricity from Scholl landfill gas.

GEOTHERMAL electricity is produced using heat from deep within the earth, often identified by the presence of hot springs or geysers. GWP has signed contracts for **3 MW** of geothermal resources which will produce **25 GWh** per year.

HYDROELECTRIC power plants have the capacity to harness the energy in either falling water at small dams or river flows to transform the energy of the moving water into electrical energy. GWP receives **64 GWh** from Hoover Dam each year.

SOLAR ENERGY is produced by harnessing the heat of the sun. GWP encourages individual customers to procure solar systems for their homes and businesses by offering a substantial rebate on these systems.

WIND energy is used to generate electricity by capturing the power from the wind with blades that turn as the wind blows. GWP signed a contract in 2006 for the purchase of additional wind-powered electrical energy. This brings our annual total contracts for wind energy to **over 55 GWh**.

