Home Retrofit/Audit Programs

Environmental Protection Agency
Energy-Water Meeting
Chicago, Illinois
March 5, 2008

Presented by Jerrel Gustafson
Manager

Power Saver™ Program
Saving Energy Together
Austin Energy

Municipally-Owned Electric Utility

- 10th Largest Municipal Utility
- 2,700 MW of Generation
- Coal 35%, Nuclear 28%, Natural Gas 28%, Renewable 4%

Serves > 888,000 Population

- 320,000 Residential
- 40,000 Commercial

Austin Energy Conservation Programs

- Started in 1982; 25 Years of Savings Achieve
- Over 600 MW Peak Demand Saved

Power Saver™ Program
Saving Energy Together
Austin Water

Municipally Owned

- Water Supplied – Surface Water – Colorado River
- Effective Storage Capacity – 167 Million Gallons
- 51,370 MGD per Day Average; Peak Day 237 MGD

Water Service Population

- 766,428 Retail
- 54,337 Wholesale

Water Conservation – Savings to Date

- 14.75 Million GPD (Peak Day Savings)

Power Saver™ Program

Saving Energy Together
**Austin Energy & Water**

**Program Structure**

- Separate Departments/Directors
- City Council – Ultimately Sets Policy/Budgets
- Utility Areas Not All the Same
- Share the Same Utility Bill & Call Center

**Program Funding**

- Programs Funded Through Utility Profits

**Savings Goals**

- Both Programs Aggressive Conservation Goals

**Power Saver™ Program**

_Saving Energy Together_
Summer Water Use
(Typical Day)

- Industrial: 5%
- Wholesale: 8%
- Commercial: 29%
- Residential: 40%
- Multi-Family: 18%

Power Saver™ Program
Saving Energy Together
Power Saver Program

✓ Home Performance with ENERGY STAR®

- Energy Audit Performed by Participating Contractors
- Evaluates the Home for Attic Insulation, Home Seal, Duct Sealing, Window Treatments, High Efficiency A/C & Heat Pumps
- Rebates Are Available Up to 30% of Cost, As Much $1,600, or
- Loan at 0% for 3 or 5 years, 3.5% for 7 or 10 years, Up to $11,000

Power Saver™ Program
Saving Energy Together
Low Income Weatherization

- Targets Low Income, Senior Citizens & Disabled
- Energy Audit Performed by Contractor
- Attic Insulation, Home Sealing, Duct Sealing, Solar Screens and Minor Energy Related Repairs
- Identify Participants for Free Toilet Program
Power Saver Program

✓ Duct Diagnostic Services
  ▪ Duct Leakage, CFM Air Flow, Static Pressure, Return Air Testing

✓ Appliance Rebates
  ▪ Central A/C & Heat Pumps, Room A/C
  ▪ Joint Rebate for High Efficiency Clothes Washers

✓ Refrigerator/Freezer Recycling

✓ ENERGY STAR® Lighting Coupons
Power Saver Program

✓ Multi-Family

- Energy Audits Performed by Austin Energy Representatives
- Evaluates the Entire Apartment Complex
- Rebate Measures:
  - Air Conditioning & Heat Pumps
  - Attic Insulation
  - Home Sealing & Duct Sealing
  - Window Treatments – Solar Screens, Film or Windows
  - Lighting
Power Saver Program

✓ Demand Response

- Power Partner—Free ENERGY STAR® Thermostats
  - Air Conditioning Load Management Program
- Power Saver – Volunteers
  - Similar to “Flex Your Power” Program
  - Voluntary Load Reduction
- Power Saver – Free Water Heater Timers
  - Electric Water Heater Load Control
  - Single Family & Multi-Family
Water Conservation Program

- Toilet Replacement Programs
- Clothes Washer Rebates
- Showerhead & Faucet Aerator Distribution
- Rainwater Harvesting Rebates
- Rain Barrel Programs
Water Conservation Program

- Irrigation System Evaluations and Rebates
- Dental/Medical Dry Vacuum Rebates
- Large Scale Commercial Incentives
- Year-Round Water Waste Ordinance
- Conservation-Oriented Water Rates
Special Promotions

- Yearly, Honda Hybrid Giveaway

Power Saver™ Program
Saving Energy Together

GREEN GARDEN
Festival
February 25th
Zilker Gardens
1 PM TO 5 PM
FOR ALL YOUR EARTH-WISE GARDENING NEEDS

Be WaterWise!
Enjoy Blues on the Green!
WaterWiseAustin.org
Direct Mail

TIME for a new air conditioner

Call 974-2199 for a FREE irrigation system check.

Direct Mail - Home Performance with Energy Star

Direct Mail – Water Conservation

Power Saver™ Program
Saving Energy Together
**Educational Material**

**Residential Program Summary**

**Water Conservation**

**INDOOR PROGRAMS**

Free Toilet Replacements - Austin water customers who have toilets installed after 1985 are eligible to participate in the “Free Toilet” Replacement Program. Up to three free toilets per residence may be replaced each year with no charge to the customer. In addition, a $30 reimbursement (per toilet) will be made to the homeowner by a licensed plumber.

Toilet Rebates
There are several options in our Toilet Rebate program. You may receive a rebate of $100 (including plumber’s charge) when replacing a toilet that was installed prior to 1985 with a new, qualifying, HET toilet (see our list of eligible brands and models). Or, if you want to replace an existing toilet, you can choose a qualified Delta or Kohler (HT) toilet with a high-efficiency toilet (HET): you may receive a rebate of $50 per toilet. Also, a rebate of $75 is available when replacing old-style (pre-1985) commodes with qualifying 1.6-gallon models. Vals for both old-style and high-efficiency, multi-flush commodes and for new construction. Check our website www.WaterWiseAustin.org for applications, qualifications, guidelines and any other updated information. The rebate will be available to you.

Washing Machine Rebate
New high-efficiency clothes washers are eligible for rebates of up to $100. These washers use 10-25 gallons per load and replace old-style washers that can use up to 50 gallons of water per load.

**OUTDOOR PROGRAMS**

Rain Barrel & Reuse Water Harvesting
Gardenia designed rain barrels that hold 50-gallons of water are sold Mon. – Fri. 8:30am – 5:30pm at Water Creek Center, 325 E. 10th St., Suite 105, and are distributed throughout the city. You can order directly from our website. Austin water customers and customers of MUDs that get their water from Austin. For homeowners who have a large capacity system, rebates up to $500 are available.

Landscaping Rebates
For customers who have in-ground irrigation systems and who use at least 25 gallons of water per day during summer months, or at least 250 gallons per week, a $60 rebate is available. Customers must pay for irrigation installation to be eligible for rebate.

**INDUSTRIAL/COMMERCIAL/INSTITUTIONAL**

A variety of equipment and financial incentives up to $40,000 per program are available to businesses that conserve water. Visit our site www.WaterWiseAustin.org for our complete program. Save hundreds on your water bill by replacing equipment with water-efficient devices, free landscape system evaluations, free above-ground surveys, assistance designing programs, records and recognition programs and more.

For more information, call 974-2199 or visit www.WaterWiseAustin.org

City of Austin Water Utility
Water Conservation Program
625 E. 10th St., Suite 615
P.O. Box 1088
Austin, TX 78767

Note: Details and programs above are subject to change without notice. Check website or call for most current information.

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**Industrial Commercial Institutional**

**Free Water Conservation Services & Financial Incentives**

Saving water in Austin makes good fiscal sense for everyone. By conserving water, we:

- Postpone construction of new water treatment plants and expansions to current plants.
- Reduce the demand for treated drinking water, particularly during the hot summer months.
- Essentially create a new water supply at no cost.
- Cut down on water waste by using only what we need.

Conserving water also decreases the energy needed for water treatment, pumping and distribution, which in turn conserves fossil fuels and keeps our air cleaner. When YOU save water, YOU save on utility bills and keep water rates lower. It just makes sense.

The City of Austin offers a number of free water conservation services and financial incentives to its institutional, commercial, and industrial water customers both inside and outside the City limits.

**Financial Incentives Include**

- Rebates of up to $40,000 for special projects.
- Rebates for water-saving modifications to lawn irrigation equipment.
- Rebates for toilets, clothes washers, and spa pumps to replace older apparatus.

**Free Services Include**
- Free toilets, shower heads, facet aerators and pre-rinse spray valves.
- Provide water conservation reviews of new construction and development plans.
- Update irrigation system control evaluations.
- Whole system water conservation surveys.
- Information on watering equipment.
- Employee training programs.
- Information on possible sales and property tax breaks.
- Awards and recognition for achievements.

For more information, call 974-2893, 974-3535 or visit www.WaterWiseAustin.org

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**Commercial Program Summary**

**Water Conservation**

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**Power Saver™ Program**

**Saving Energy Together**
Marketing of Programs

✓ Door Hangers
  ▪ Effective for “Free” Services

✓ Newspaper Ads
  ▪ Coupons & Coop Ads

✓ Austin Energy – Key Account Reps
  ▪ Sell Both Electric & Water Conservation Programs to Commercial Customers

Power Saver™ Program
Saving Energy Together
Door Hangers & Publications

Door Hangers

Introducing Our New & Improved POWER PARTNER THERMOSTAT
Free Offer! (a $200 value)
Free Thermostat and Free Installation!

Benefits: You'll Love It!

- **Saves Money:** You save 15-20% on your utility bills, save energy.
- **Saves Time:** You save time setting your thermostat.
- **Saves Energy:** You save energy when you're away or asleep.
- **Saves Environment:** You can reduce your energy bills when you're away or asleep.
- **Saves Electricity:** You save electricity by reducing the usage of power and the number of additional power plants.

New Great Features:

- **Easy to Program:** You can set your own schedule to use your home efficiently.
- **Smart Review:** You can review the data and adjust accordingly.
- **Enhanced Display:** Details include a backlight and a filter change reminder.
- **Warm-up and Cool-down:** Thermostat automatically warms up to cool the house when you're away or asleep.
- **Internet Programming Capability:** This feature will be activated soon.

Your Austin Energy® meter and thermostat are offered to you at no expense. However, differences in quality and installation may result in a cost savings. Visit www.austinenergy.com or call toll-free 1-877-540-2714 today to get your thermostat today!

Extra $50 Rebate!
High Efficiency Coupon

Starts 10/1/2006
Expires 1/31/2007

Replace any old-style 3.5 to 5-gallon toilets with qualifying high-performance high-efficiency toilets (HET's), receive an extra $50 rebate per toilet (up to 3 per home), above the regular $100 rebate... (total = up to $150 per toilet).

NOTE: Coupon must be submitted with your completed regular application and receipt(s).
Some restrictions apply. See website for details: www.waterwiseaustin.org

City of Austin Water Conservation Program
625 E. 10th St., #615, Austin, TX 78701
974-2199 --- www.waterwiseaustin.org

Publications & Newspapers
Lessons Learn

• Cross Promotions of Program a Natural!
• Provides a True Comprehensive Approach for Customers!
• EPA & DOE ENERGY STAR Program a Tremendous Resource
• Must Be Cost Effective Options!
Questions?

Contact Information
Jerrel Gustafson
512-482-5387