

CASH IN *with the* IN-HOME ENERGY EVALUATION PROGRAM

Columbus Light & Water and TVA are making it easier than ever to become energy efficient while also saving money. With the new In-Home Energy Evaluation Program, you can reduce your power usage and receive a cash incentive for installing home energy improvements. The recommended energy-related home improvements you make are eligible for reimbursement of 50 percent of the installation cost, with an upper limit of \$500.



HOW IT WORKS

- Schedule an in-home energy evaluation with Columbus Light & Water by calling 1-866-441-1430. The in-home evaluation fee is \$150.00. For a limited time, Columbus Light & Water will pay \$100 of that fee. If \$150 of suggested work is performed, the remaining \$50 of the audit fee will be returned to you.
- After your home is evaluated, a report is created outlining the potential energy-efficiency modifications and available cash incentives.
- To ensure work is completed to TVA's standards, modifications must be made by a member of the TVA Quality Contractor Network, except for self-installed measures (as allowed by your local power company). The certified evaluator will provide the names of qualified contractors.
- All home modifications must be completed within 90 days. Once the work is finished, it will be inspected to ensure that everything is installed properly to maximize savings.
- After the inspection, you submit receipts for the completed work to be eligible for the cash incentive.

CASH INCENTIVE OPTION

No matter how many modifications are made, \$500 is the maximum reimbursable amount for all approved work completed. Some modifications have lower maximum amounts, and some require pre-approval by Columbus Light & Water (*see table on next page*).

ELIGIBLE IMPROVEMENTS

The items on the next page are eligible for financing or up to a 50 percent cash incentive on recommended installation measures. Some items may also be eligible for federal tax credits. For information, visit the Tax Incentives Assistance Project website at www.energytaxincentives.org.

NON-ELIGIBLE ITEMS

The following items are not eligible for this cash incentive: water heaters (including tankless), clothes washers or dryers, dishwashers, refrigerators, insulated garage doors, storm doors, window film/solar screens, radiant barriers, room air conditioners, programmable thermostats (existing systems.)

IN-HOME ENERGY EVALUATION PROGRAM



ENERGY EFFICIENCY MEASURE	REQUIREMENT	CASH INCENTIVE	
		TVA	CLW
Replace Windows	Must be ENERGY STAR®	\$500	\$250
Storm Windows	Must meet <i>energy right</i> ® requirements	\$500	\$250
Duct Repair/ Replacement & Sealing	<ul style="list-style-type: none"> Existing HVAC only Air Distribution only 	\$500	\$250
Rehabilitation Work	Minor repair work such as broken glass, glazing or prime door replacement, with power company pre-approval	\$250	\$125
Replace HVAC <ul style="list-style-type: none"> All heat pumps included Dual-fuel heat pumps Air conditioning (with gas pack or gas split) 	<ul style="list-style-type: none"> Must be ENERGY STAR® Power company pre-approval for for dual-fuel or air conditioning 	\$250	\$125
Attic Insulation/ Ventilation (must be nonpowered)	Must meet <i>energy right</i> ® requirements (Weatherization)	\$500	\$250
Floor or Perimeter Insulation, and Ground Cover	<ul style="list-style-type: none"> Must meet <i>energy right</i>® requirements (Weatherization) Where allowed by codes 	\$500	\$250
Water Heater Insulation	Electric Only	\$50	\$25
Air Sealing (Including weatherstrip and caulk)	Must meet <i>energy right</i> ® requirements (Weatherization)	\$500	\$250
Self-Installed Insulation, Caulk, Weatherstrip, Rehabilitation (as defined above)	<ul style="list-style-type: none"> Only the cost of materials may be claimed Power company pre-approval 	\$250	\$125
HVAC tune-up	Must be performed by QCN contractor	\$150	\$75



Water Quality Data Table & Test Results

WHERE DO WE GET OUR WATER?

Our underground water is pumped from eight wells drawing from the massive sand of the lower Tuscaloosa Aquifer.

SOURCE WATER PROTECTION

The source water assessment has been completed for our public water system to identify potential sources of contamination and determine the overall susceptibility of the drinking water supply. Susceptibility assessment has been completed and all wells have ranked moderate by the MDEQ for vulnerability to contamination.

CONTACT US

As a valued customer, we want you to be informed about your water utility. If you have any questions, please contact Columbus Light & Water at 662-328-7192, Monday through Friday from 8:00 a.m. to 5:00 p.m.

WATER QUALITY

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man-made. These substances can be microbes, inorganic or organic chemical and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

TESTING

The Columbus Light & Water Department routinely monitors for constituents in your drinking water according to Federal and Mississippi state laws. This table shows the results of our monitoring for the period of January 1st to December 31st, 2010. In cases where monitoring wasn't required in 2010, the table reflects the most recent results. As you can see by the table, our system had no violations. We're proud that your drinking water meets or exceeds all Federal and state requirements. We have learned through our monitoring and testing that some constituents have been detected, however the EPA has determined that your water is safe at these levels.

Additional Information for Lead

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. ABC Water Association is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds

to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>. The Mississippi State Department of Health Public Health Laboratory offers lead testing for \$10 per sample. Please contact 601.576.7582 if you wish to have your water tested.

Additional Information for Fluoridation

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", the Columbus Light & Water is required to report certain results pertaining to fluoridation of our water system. The number of months in the previous calendar year that average fluoride sample results were within the optimal range of 0.7-1.3 ppm was 12. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.7-1.3 ppm was 100%.

SPECIAL POPULATIONS

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate ways to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline: 1-800-426-4791.

At Columbus Light & Water we work around the clock to provide top quality water to every tap. Please call our office if you have any questions. We ask that all our customers help us protect our water sources which are the heart of our community, our way of life and our children's future.



www.columbuslw.com



Contaminant	Violation Y/N	Date Collected	Level Detected	MCL	Likely Source of Contamination
DISINFECTION BYPRODUCTS					
Chlorine	N	2010	1.87 RAA 1.99 max. mg/L 1.77 min. mg/L	4.0 mg/L	Water additive used to control microbes
Total Haloacetic Acids (HAA5)	N	2010	0.0 ppb	0.060 ppm	Byproduct of drinking water disinfection
Total Trihalomethanes (TTHM)	N	2010	3.16 ppb	0.080 ppm	Byproduct of drinking water disinfection
INORGANIC CHEMICALS					
Antimony	N	2009	<0.0005 ppm	0.006 ppm	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder
Arsenic	N	2009	<0.0005 ppm	0.010 ppm	Erosion of natural deposits; runoff from orchards, runoff from glass & electronics production wastes
Barium	N	2009	0.009171 ppm* 0.019249 ppm**	2 ppm	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Beryllium	N	2009	<0.0005 ppm	0.004 ppm	Discharge from metal refineries & coal-burning factories; discharge from electrical, aerospace, & defense industries
Cadmium	N	2009	<0.0005 ppm	0.005 ppm	Corrosion of galvanized pipes; erosion of natural deposits; discharge from metal refineries; runoff from waste batteries & paints
Chromium	N	2009	<0.0005 ppm	0.1 ppm	Discharge from steel and pulp mills; erosion of natural deposits
Cyanide	N	2009	<0.015 ppm	0.2 ppm	Discharge from steel/metal, plastic & fertilizer factories
Fluoride	N	2009	0.863 ppm* 0.838 ppm**	4 ppm	Water additive which promotes strong teeth; erosion of natural deposits; discharge from fertilizer & aluminum factories
Lead	N	2010	1 ppb	15 ppb	Corrosion of household plumbing systems; Erosion of natural deposits
Mercury	N	2009	<0.0005 ppm	0.002 ppm	Erosion of natural deposits; discharge from refineries and factories; runoff from landfills & croplands
Nitrate	N	2010	<0.2 ppm	10 ppm	Runoff from fertilizer use, leaching from septic tanks/sewage, erosion of natural deposits
Nitrite	N	2010	<0.05 ppm	1 ppm	Runoff from fertilizer use, leaching from septic tanks/sewage, erosion of natural deposits
Nitrate+Nitrite	N	2010	<0.25 ppm	10 ppm	Runoff from fertilizer use, leaching from septic tanks/sewage, erosion of natural deposits
Selenium	N	2009	<0.0025 ppm	0.05 ppm	Discharge from petroleum refineries; erosion of natural deposits; discharge from mines
Thallium	N	2009	<0.0005 ppm	0.002 ppm	Leaching from ore-processing sites; discharge from electronics, glass & drug factories
ORGANIC CHEMICALS					
Benzene	N	2009	<0.5 ppb	5 ppb	Discharge from factories; leaching from gas storage tanks & landfills
Carbon Tetrachloride	N	2009	<0.5 ppb	5 ppb	Discharge from chemical plants & industrial activities
CIS- 1, 2-Dichloroethylene	N	2009	<0.5 ppb	70 ppb	Discharge from meat & fish or pharmaceutical industries
Dichloromethane	N	2009	<0.05ppb	5ppb	
Dichlorobenzene	N	2004	<0.5 ppb	5 ppb	Discharge from industrial chemical factories
O-Dichlorobenzene	N	2009	<0.5 ppb	600 ppb	Discharge from industrial chemical factories
P-Dichlorobenzene	N	2009	<0.5 ppb	75 ppb	Discharge from industrial chemical factories
1, 2-Dichloroethane	N	2009	<0.5 ppb	5 ppb	Discharge from industrial chemical factories
1, 1-Dichloroethylene	N	2009	<0.5 ppb	7 ppb	Discharge from industrial chemical factories
1, 2-Dichloropropane	N	2009	<0.5 ppb	5 ppb	Discharge from industrial chemical factories
Ethylbenzene	N	2009	<0.5 ppb	700 ppb	Discharge fom petroleum refineries
Monochlorobenzene	N	2009	<0.5 ppb	100 ppb	Discharge from paint, glass & ceramic industries
Tetrachloroethylene	N	2009	<0.5 ppb	5 ppb	Discharge from factories & dry cleaners
Trans- 1, 2-Dichloroethylene	N	2009	<0.5 ppb	100 ppb	Discharge from industrial chemical factories
1, 1, 1-Trichloroethane	N	2009	<0.5 ppb	200 ppb	Discharge from metal degreasing sites & factories
Trichloroethylene	N	2009	<0.5 ppb	5 ppb	Discharge from metal degreasing sites & factories
1, 1, 2-Trichloroethane	N	2009	<0.5 ppb	5 ppb	Discharge from industrial chemical factories
1, 2, 4-Trichlorobenzene	N	2009	<0.5 ppb	70 ppb	Discharge from textile finishing factories
Toluene	N	2009	<0.5 ppb	1000 ppb	Discharge from petroleum factories
Styrene	N	2009	<0.5 ppb	100 ppb	Discharge from rubber & plastic factories; leaching from landfills
Vinyl Chloride	N	2009	<0.5 ppb	2 ppb	Leaching from PVC pipes; discharge from plastic factories
Xylenes	N	2009	<0.5 ppb	10000 ppb	Discharge from petroleum & chemical factories

* Treatment Plant North | ** Treatment Plant South | MCL = maximum contaminant level | ppm = parts per million | ppb= parts per billion | mg/L= milligrams per liter | RAA = Running Annual Average

New Soccer Complex Coming to Columbus



The city of Columbus broke ground on April 13 for a new soccer complex in the downtown area. The complex will be located off Main Street at the intersection of Highway 82 and Highway 45 and will be adjacent to the Hitching Lot Farmers' Market.

The complex will comprise nine soccer fields of various sizes and one football field, as well as other amenities. Several grassy areas will also be available for "free play" that can be used for picnics or to fly kites. Sidewalks will connect the fields to one another and can be used as a walking path around the complex. A 120-foot boardwalk will snake through the wetland areas of the complex and will feature a crossbow bridge over Moore's Creek. Several pavilions will be scattered throughout the complex to serve as gathering

areas for friends and families. Restrooms and a concession stand will be located in the northern part of the complex, and additional restrooms will be located at the farmer's market. In addition, 380 parking spaces have been incorporated into the design.

Columbus Light & Water has been providing utilities for the complex. Utilities being rerouted underground will give the complex a very clean look. Columbus Light & Water is also providing the lights for the roadways with no upfront cost to the project. These lights will be black fiber with decorative acorn style tops.

There are several future development plans already in the works for the complex. Some of these include an environmental center, nature trails, waterfalls, additional walkways and boardwalks, additional restrooms and pavilions, ponds, and play grounds. Work on the Columbus Soccer Complex is scheduled to be completed on August 21, 2012.



*General
Manager's
Message*

TODD GALE
General Manager

Over the past few years Columbus Light and Water has tried to inform you about how to change some everyday habits to conserve electrical usage. This will keep your electrical costs to your home and business lower.

Now, I am proud to announce that at the March board meeting of the Columbus Utility Commission the commissioners voted to return \$1 million of reserve money to you, our customers. This money will be returned in the form of energy efficiency incentives for your home and business and will give you even more opportunity to save on your electrical costs for years to come.

If you are a qualified residential customer, you may elect to perform an energy audit in your home. This audit will provide information as to what actions may be taken (such as weatherization and insulation installation) to make more efficient use of your electricity. The cost of the audit is \$150. For a limited time, Columbus Light and Water will pay \$100 of that. If \$150 of suggested work is performed, the remaining \$50 will be returned to you. In addition, other incentives will be offered for weatherization, insulation HVAC and windows. For more information please call 1-866-441-1430.

For our commercial and business customers, Columbus Light and Water is offering to match dollar for dollar TVA's energy efficiency incentives for different sizes of electrical demand. Incentives are capped for each electrical demand group. By capitalizing on these incentives, businesses can keep their expenses down and remain competitive in today's business world.

All incentives are based on a "first come, first serve" basis. Columbus Light and Water appreciates your business and is here to serve you. Hopefully today's investment will help during these hard economic times and well into the future.

We at Columbus Light and Water hope you have a safe and happy summer.

Todd Gale

Biofuel Company, KiOR, Breaks Ground for Columbus Facility



On May 12, Governor Haley Barbour and other state and local officials joined executives from KiOR at the groundbreaking ceremony for the company's first commercial biofuel production facility in Columbus.

"KiOR is grateful for all the support we have received from every level of government in Mississippi, and we're excited to call Columbus home to our first commercial production facility," said Fred Cannon, President and CEO of the renewable fuels company. This \$190 million local investment will generate up to 100 jobs, both directly and indirectly. It is the first of five planned facilities throughout Mississippi that will provide more than 1,000 jobs statewide. The Columbus facility is on schedule to open during the second half of 2012.

Columbus Light & Water will have a power substation at the KiOR facility.

KiOR will be turning woodchips (biomass) into biofuel, or as Governor Barbour put it, "It's almost like making gold from straw." The facility will initially be turning 500 tons of biomass into 11 million gallons of oil daily. This oil will then be refined into gasoline and diesel fuel blendstock, which then could be put directly into gas tanks or mixed with conventional oil.

"Every gallon or barrel of fuel we make in Columbus is a gallon or barrel of fuel we don't have to import from other countries, some of which don't like America very much," Cannon added.

KiOR executives also announced that they have entered several agreements to supply the fuel produced at the new facility. One such agreement is to supply the FedEx Corporate Service with Columbus-produced oil to use in their ground fleet. Other agreements were announced for the purchase of blendstock from the Columbus facility – one with Hunt Refining Co. and another with Catchlight Energy LLC, a joint venture between subsidiaries of Chevron Corp. and Weyerhaeuser Co.



IN CASE OF EMERGENCY

Call 243-7440

CONTACT US IMMEDIATELY TO REPORT:

- Full or partial power outages
- A downed power line (Please DO NOT touch the line!)
- Water spewing from the ground, road or fire hydrant

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