

# THE HERALD



## HALCO

Summer 2009

## Even More Ways To Save In 2009

### Go Green!

That is the goal for which the whole nation is striving. As a result, there are more and more incentives for homeowners and commercial building owners who take steps to save energy and reduce their "carbon footprint."

Inside this issue is a new cogeneration system that does just that. However, there are also financial incentives to help you pay for these new green improvements.

You can still take advantage of the federal tax credit of up to \$1,500 for replacing your old furnace, boiler, heat pump or air conditioner with a new high efficiency model. This credit may be taken regardless of whether you qualify for any other incentives.

If New York State Electric & Gas (NYSEG), Rochester Gas & Electric (RG&E) or National Grid is your gas provider, you may qualify for a \$500 - \$1500 (depending on utility) rebate for having us install a new high efficiency furnace, a high efficiency boiler and/or an indirect hot water heater.

In addition, we can help you qualify for grants, low interest loans and other rebates that are available through New York State when a BPI accredited contractor like Halco does the installation.

These incentives include a 10% rebate or low interest financing. Income qualified homeowners may also be eligible for a matching grant of up to \$5,000.

Last summer, we introduced you to ground source heating and cooling,

which is also known as geothermal. Geothermal heating and cooling is now the fastest growing "green" technology. That is because it is the most cost effective and environment-friendly technology. Energy costs for a ground source heat pump are less than oil or propane and, in some cases, natural gas.

If you decide to install a ground source system, powered by a ground source heat pump, you will get a federal tax credit of 30 per cent of your total investment.

A typical ground source system may cost \$40,000. Under this program, you will be able to take a \$12,000 federal tax credit on your 2009 return.

Don't wait. Call for your comprehensive home performance assessment and take advantage of these incentive programs this summer.



**BPI Accredited Home Performance contractors use diagnostic testing to make your home healthier, safer and more energy efficient.**



**SEVEN DAYS TIL NINE - WITH NO OVERTIME**

## Cook & Healy LEED Accredited Professionals



*Shad Cook*



*Michael Healy*

Shad Cook and Michael Healy, DBIA, have been awarded the prestigious LEED (Leadership in Energy and Environmental Design) Accredited Professional designation by the United States Green Building Council (US-GBC). The credential was conferred after the men successfully passed a rigorous, proctored examination.

Shad, who lives in Geneva, manages Halco M.E.P.S. (Mechanical, Electrical, Plumbing and Sprinkler). This division designs and installs mechanical, electrical, plumbing and sprinkler systems for commercial and industrial buildings. Halco M.E.P.S., under Shad's direction, has been involved in the design/build of four LEED certified buildings.

Mike, who is accredited by the Design Build Institute of America, recently joined Halco to head a new Energy Services Performance Contracting group. This group is dedicated to helping commercial building owners save energy and take advantage of government and private green initiative incentives.

Mike, who live in Newark and Sodus Point, has more than 25 years of construction management and engineering experience with leading design/build firms in the Rochester area. He has long been an advocate for green buildings and has worked on the design and construction of many.



*Hal Smith*



*Don Leslie*



*Todd Martin*



*Dan McConnon*



*Ralph Schodel*

## Five Earn Energy Conservation Certifications

The Halco team members pictured above have taken special training and earned certifications in new programs and products to help you save even more precious energy dollars.

Hal Smith, Don Leslie and Todd Martin completed a three day HERS (Home Energy Rating) course and examination. This qualifies them as HERS raters.

HERS provides a standard measurement of a home's energy efficiency for both new and existing homes. In new homes, one of our raters may be called in to verify energy performance for the EN-

ERGY STAR<sup>®</sup> homes program, energy efficient mortgages, and energy code compliance. For existing homes, our raters evaluate and pinpoint specific, cost-effective improvements. They provide a report listing options for improving the home's energy rating.

Hal and Dan McConnon have earned certification to design and install Freewatt complete heat/power cogeneration systems. Details on these systems are on the next page.

Ralph Schodel, who heads the Halco MEPS electrical group, has earned certification in both solar and wind power generation.

## Congratulations To Our Newly NATE Certified Technicians

Congratulations to the Halco team members pictured below. Joe Hagen earned oil heat and oil hydronics certification, bringing to six his NATE certifications. All the others earned NATE certification in gas heat, which is their first certification.

The newly certified technicians had to pass a core exam that tested their basic knowledge of the heating and air conditioning field. They then had to pass a gas heat specialty exam.

Congratulations to these techs who have gone the extra mile



*Joel Baker*



*Jim DeJonge*



*Dan Enright*



*Joe Hagen*



*Shawn Poole*



*John Sanford*



*Seth Smith*

## Halco School Graduates Third Class



On June 25, 11 students graduated from the Halco M.E.P.S. Workforce Preparation Certificate program. The graduating class is pictured above with Course Director Thomas Fitch (rear left) from Monroe Community College, Guest Speaker Lee Loomis (front left) and Instructor Joe Hagen (right).

Lee Loomis, who is Energy Smart Communities coordinator for the Center for Environmental Information in Rochester, spoke to students about the tremendous opportunity they had been given and the

great training they had received. He also noted that most of the students already have jobs and one had to miss graduation because he could not miss work.

Following special awards for attendance and other noteworthy achievements, it was the students' opportunity to turn the tables and present instructor Joe Hagen with a token of their appreciation for his time and dedication to their success.

## Go Green & Get Free Electricity

Halco can now install a unique, combined heat and power cogeneration system called Freewatt.

This new green power system combines your choice of a furnace or boiler with a compact electric generator in a single package. The generator and furnace are pictured.

The system is designed to reduce your carbon footprint dramatically by generating electricity as it heats your home. Other benefits include lower electric bills and benefits to the electric grid.

When your thermostat calls for heat, the Freewatt system begins generating electricity, with the heat created in the gener-



ating process heating your home. A small furnace or boiler is included provides supplemental heat.

The electric power produced by the Freewatt system will displace electric power generated by inefficient central power plants, thereby conserving our natural resources and reducing CO<sub>2</sub> emissions. The Freewatt system breaks through the energy efficiency barriers of all conventional home heating systems.

The Freewatt system is manufactured by the same company that manufactures reliable Utica Boilers, and Halco is certified to install and service these systems.

## Congratulations Jake Clancy

Jake Clancy is the first Halco technician to complete one of our four New York State Department of Labor registered apprenticeship programs, specifically heating, ventilating and air conditioning (HVAC).



We offer full time apprenticeship programs in plumbing, HVAC, sheet metal and electricity.

This has been a five year commitment for Jake and the other apprentices. It combined classroom training with practical, on-the-job experience. Jake has also earned his NATE certification in gas heat,

## Where We Are

Call any of our local phone numbers listed below and a service or installation team will be dispatched from right nearby to take care of your problems quickly.

### COMMERCIAL/RESIDENTIAL

Community	Number
Phelps	315.946.6200
(FAX)	800.533.3367
Newark	315.946.6676
Geneva	315.331.3912
Canandaigua	315.781.0556
Penn Yan	585.396.2668
Auburn	315.536.0633
Rochester	315.253.7939
Ithaca	585.271.4330
Elmira	607.277.3154
Cortland	607.733.0420
Syracuse	607.753.1123
Lyons (PBS Supply)	315.437.2048
	315.946.6161

Web sites: [www.halcoheating.com](http://www.halcoheating.com)  
[www.halcomeps.com](http://www.halcomeps.com)  
[www.pbssupplyco.com](http://www.pbssupplyco.com)

# Ithaca Dentist Makes Energy Saving Upgrades



*Dr. Ira Kamp shows off the new Goodman air conditioning compressor behind his office.*

The house on the corner of North Tioga and West Lincoln Streets in Ithaca used to be Dr. Ira Kamp's dental office and home. As his practice grew, he added additional office space to the rear of the building and moved his residence to another house.

Dr. Kamp did not include new air conditioning in the expansion, which took place in the 1990s. This May, however, he called on Halco to upgrade the office air conditioning.

Our technicians installed a new compressor and a new air handler. They also installed new ductwork and new

vents in the rooms added during the last renovation.

The building is heated with hot water, so an air handler was required to house the condensing coil and for air distribution.

The real challenge was getting that huge air handler into the basement. Like many classic

city homes, Dr. Kamp's building had very narrow, steep steps leading to a basement with a very low ceiling.

Our technicians mounted the air handler under the first floor and installed very large ductwork on either end to distribute cool air to all parts of the building, and to collect warm, return air.

The house to which Dr. Kamp moved his residence also has an apartment. The furnaces serving both living units needed replacing, so Dr. Kamp again contacted Tom McCarthy at Halco.

Asked why he chose Halco, his answer was "accountability." Although he had



*Maneuvering this large air handler and ductwork into the basement and installing it was the job's major hurdle.*

concerns about contracting with a large company, these concerns were quickly put to rest by our service.

Dr. Kamp said we came quickly when the furnaces failed on a weekend. He also noted our personable people.

When it came time to upgrade the air conditioning, Halco responded fast while some other contractors did not even come to give an estimate.

Good service was Dr. Kamp's primary requirement; he was pleased with our service, and would not hesitate to recommend Halco to others.



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