

## Kulish Monopolar 3<sup>rd</sup> Party Commercial Gas Energizer Tests

### NATURAL GAS HEATING

McReedy East Mine – Heating House

**“Ventilation of a mine is one of the most important functions that allow miners to go to work everyday. A one-year period of monitoring was done on the heater house [that heats mine ventilation air in the winter] without magnets, and the second year the magnets were installed on the headers of the heater house. This installation was monitored and after two years the results were completed in May 2002. The savings in natural gas as a result of the installation of magnets was 11.95% in 2001-2002 when compared to 2000-2001.”**

204 Residential Apartments, Quebec City, Canada, 1999

**“We have monitored the consumption of natural gas as per the Gaz Metropolitan invoices forwarded by you recently. In conclusion this report indicates savings with magnetic [adjusted for yearly variations in „degree days“]**

**Base year was 1996/97**

**1998/99 vs. 1996/97 13.3% [Reduction in natural gas used]**

**1998/99 vs. 1997/98 12.6% [Reduction in natural gas used]**

York Holdings Office Building, Montreal, Canada, 1999.

**“We have computed the consumption, occupancy and degree-days... in making a comparison for the six (6) month period of January – June in the years of 1996, 1997, 1998, and 1999, as per available data. The savings achieved were 8.3% based on an average [energy] consumption of \$120,000.”**

Wallace McBain & Associates Building, 299 Mill Road, Scarborough, Ontario, Canada, 1999

**“This report compares the Degree-Day values for the building over the last two winters. This comparison shows a decrease of 9.73 cubic meters per degree-day. Percentage of saving - 7.5%. Our treatment is only on the heating boilers. These boilers consume 58% of the building’s total cubic meters. Therefore 7.5% divided by 58% consumption factor gives an overall 12.9% savings.”**

Nexacor Realty Management, Oshawa, Ontario, Canada, 2001

**Multi unit Apartment building powered by natural gas benefited an energy savings of 10.97% based upon available data for previous years.**

BOILERS 34 Canada Post Office – North Tower.

**Magnetic arrays were installed on 3 boilers used for heating this sorting facility. Since the boiler instrumentation included individual stack temperature thermometers but not individual fuel flow meters, combustion efficiency was measured via increases in stack temperatures. Over 22 boiler „runs“, stack temperature readings were taken, and, comparing 11 runs without magnets to 11 runs with magnets a 9.8% increase in thermal efficiency was achieved.**

IBM White Plains, New York 1997.

**IBM service contractor tested 300 HP natural gas burners, with 3 inches galvanized fuel lines.**

**Monitoring through the demonstration was done in the presence of Global EnviroTech, Inc. Valco Energy Systems, and the on site engineering staff at the IBM location**

**The average fuel consumption per degree-day with Kulish Monopole treatment was reduced by 17%. The estimated average savings was \$20,000. This particular installation had one time cost of \$6,354.**

Scarsdale Manor, Scarsdale, New York 1997.

**A.B. Wolle, Inc serviced two Boilers installed in the Scarsdale Manor facility. The performance of the two boilers was tested prior to the Monopole installation using a Bacharach Fyrite II Combustion Analyzer. Perhaps the most dramatic occurrence during the testing was noted by A.B. Wolle Inc. Two months after installation, when using “dirty oil” such as #4 or #6 oil, the boiler efficiency increased instead of decreasing. Both boilers showed yearly fuel savings of 17% and 19% respectively. The yearly savings was \$17,855 with cost of Monopole equipment of \$3,716.**