

Bob Elliot

Coordinator, Company Operations

-----Original Message-----

From: Neil O'Rourke [mailto:norourke@petrocanadafuels.ca]

Sent: Thursday, April 27, 2006 9:03 AM

To: EMC Ottawa; John MacKinnon; Elliot, Bob

Cc: Ackermans, Tina; Bourns, Dave

Subject: Heat Manager Product Testing

Over the past month, we have been testing an IntelliCon FA control in one of our customer's homes. This product is guaranteed by the manufacturer to save the customer at least 10% on their oil consumption. We tested this unit at one of our first Enviracom pilot project volunteers, as we had fuel consumption levels from last year to compare with this year. We also know that this is an elderly couple who live alone; who have not made any changes to their home and have not significantly changed any of their heating behaviour since last year.

Our findings were consistent with the manufacturer's claim. The customer reduced their oil consumption by 10.6% over the same period last year (adjusted for degree days). All this was done on a Summeraire SLO115 furnace, which we installed in 2001 with an efficiency level of 83% (in October 2005).

2005 – Fuel consumption from April 1 to April 24 - 222 L
Degree Days from April 1 to April 24 – 259 DD

Volume/DD = 222/259 = 0.8571

2006 – Fuel consumption from April 1 to April 24 - 193 L
Degree Days from April 1 to April 24 – 249 DD

Volume/DD = 193/249 = 0.7751

Reduction in fuel consumption = 0.8571/0.7751 = 1.1058 or 10.6%

Thanks,

Neil O'Rourke
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