

Mr. Bruce Ferguson  
Polaris Capital Power Group  
Unit 12B, 207 Edgeley Blvd.  
Vaughan ON L4K 4B5

January 30, 2019

Dear Mr. Ferguson,

Shepherd Village Inc. takes pride in owning and operating a high quality health care facility, with more than 400 staff members, 850 residents and 200 volunteers all working or living on an eight acre site in the eastern part of the Greater Toronto Area (GTA). Our not-for-profit status has helped us serve the local community since 1961.

During 2008, I installed PC Fuel Optimizers purchased from Doug Darmody, Darmac Resource Group, in our smallest building as a pilot test. The yearly dollar value for our gas usage for this building was approximately \$60,000. I was unsure as to the energy savings potential since the efficiently-designed building was constructed in 1999 and was operating smoothly.

Within four minutes of installing the PC Fuel Optimizers, the combustion temperature inside the atmospheric boiler rose by 180 degrees Fahrenheit. The temperature was measured with a long temperature probe which was positioned directly in the middle of the burner tray, I was amazed at what I saw. This one small test was all I needed to convince me that this product was something our company needed. I installed it on all four boilers as well as the AHU. After a full year with the fuel optimizers in place, the dollar savings was 10% with no negative effects to the equipment. Some of the benefits of the optimizers include; a very simple installation with no interference with mechanical equipment, no ongoing maintenance, no electrical hook-up, a reduction in carbon monoxide emissions, affordability, utilizing an energy-efficiency retrofit product and year-over-year savings.

During 2009 I purchased additional PC Fuel Optimizers for our 11 story apartment building. After just two months the fuel cost savings was 12% and so I then continued to purchase and install the fuel optimizers in our two additional buildings on site. As it turned out the savings in the apartment building was 25%. I have also installed the fuel optimizers on our domestic hot water systems as well as our cooking equipment for the preparation of more than 1400 meals per day, all to great effect in significantly reducing our energy bills.

I would highly recommend building owners to take advantage of this cost savings device. The PC Fuel Optimizer is a must for all hydrocarbon fuel-burning buildings.

Please feel free to call me for any questions you may have at; +1 (416) 609-5700 ext; 341

Sincerely yours,

  
Mario Gugliotta  
Director of Facility Services  
Shepherd Village Inc.

**Shepherd Village Inc.**

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