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**RE : USE OF FITCH FUEL CATALYST IN HYATT HOTELS – INDONESIA**

Dear Dave

Greetings from Grand Hyatt Jakarta

Over the past year I have been involved with a company who is trying to open a relatively new (and very skeptical) marketplace in Indonesia involving the use of a Fuel Catalyst on commercial and industrial machinery.

The use of magnets, lead induction, liquid fuel additives and even ceramic balls has been proposed in the past, all providing a very in-conclusive and negligible fuel savings for the purchaser.

Advanced Power Systems International, in the USA, has been manufacturing an alternative product called a Fitch Fuel Catalyst for the past 10 years, which, as the name explains – is a Catalyst (A device, substance, or object, which create or excites a chemical reaction within itself, however will not be consumed by the said reaction).

The Fitch Fuel Catalyst is a composition of different metals, alloys etc, bonded in such a manner that the amalgamations process is now held under a strict International Patent. It works by creating a Low Temperature Electro-Chemical Reaction within the fuel as it passes through the metal canister, increasing the BTU rating of the fuel, and decreasing some of the harmful Hydrocarbons commonly found in the fuels.

The end effect is that the treated fuel can now burn better, enabling the generators and boilers to achieve the maximum operating conditions. Further fuel savings can be achieved through the altering of fuel nozzles and O<sub>2</sub> levels, however, I found this to be a little too fiddly without accurate testing equipment and simply returned to the basic nozzle configuration.

With the new treated fuel in circulation, it now does what many other products claim to do – “perfects the burning or combustion cycle”. This was proven to be evident after an internal inspection of the Boiler as the excessive soot and carbon had been removed and the metal internal surfaces were a white pigment colour.

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*A stunning landmark in the emerging district of Bandra-Kurla*  
*Opening Early 2004*



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Additionally units were installed on all 4 properties 3516 Caterpillar gensets with savings ranging from 7 to 12%. Grand Hyatt Bali which was the pilot project received abnormally high fuel savings, however consideration also needs to be made as the original fuel condition, and the storage method for the fuel is also not ideal for the hot, humid and very tropical environment of Bali.

Hyatt Regency Bandung, followed with the installation of two units on their Boilers and Cat 3516's, once again showing an indication of approximately 20% and 7% fuel savings respectively, considering the occupancy levels, load demands and other possible variables, I believe that this figure is closer to 12 – 14% fuel savings.

Finally, I note that I have been involved in Medium (Diesel) Fuel Tests with the Indonesian Distributor, and whilst many of the Fuel Savings mention in this letter are a direct result through the use of this type of fuel, information and advise received from Advanced Power Systems International have indicated that fuel savings on Propane and Heavy Fuels are also possible and to a lesser extent – even Gasoline or Petrol.

I sincerely hope that the information within this document can help to assist you and other properties with reducing their energy costs as I remain available to answer any questions or queries that you or any other Director of Engineering may have regarding the Fitch Fuel Catalyst.

Thank you

*Jye West*

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