

From: [REDACTED]
Sent: Wednesday, 8 July 2015 9:09 PM
To: EPC
Subject: Enquiry into unconventional Gas

Dear Sir/Madam,

There is no need to develop extra gas resources for a number of reasons but I wish to highlight just one. The fact that gas as a source of heat in homes is now obsolete.

In the last 5 or so years there have been several developments in the use of electricity that have intruded into the domains that were once the sole territory of gas.

They are:-

1. The introduction of the induction stove to top. This technology allows electricity to instantly start cooking one food, and to do so without the inconvenience of excess heat as all the energy goes directly into the pan.
2. the development of very efficient (Coefficient of performance greater than 4) reverse cycle air-conditioners means that the one system can be used for BOTH heating and cooling.
3. The previous item is coupled with the advent of the mandatory 6 star energy rating for houses. This government decree has been the catalyst for much of these changes whilst actually removing the necessity for energy hungry heating and cooling systems because of the improved insulation now required.
4. Hot water systems have also been revolutionized. Direct solar heating has been around for a some time but has never been entirely satisfactory because of the need to have a backup system for when the sun "don't" shine. The latest solution another example of the heat pump, but using a different working fluid that is efficient at the higher temperatures required for hot water. Again the energy required is only a third of what the obsolete electric or gas hot water systems require.

Finally, by removing the perceived requirement for BOTH gas and electricity, the modern household saves on the fixed service charges for gas as well as the reduced energy costs obtained by using the modern electric technology I have referred to.

Sincerely,
Alan Distel,

[REDACTED]