

Does your hotel have  
**room for savings?**



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## It's time to make room for **Natural Gas.**



**Natural Gas is the perfect solution for the hospitality industry. Not only can it dramatically cut your hotel's fuel bill, but it can also reduce your carbon footprint. Here's how:**

Natural Gas is the most competitively priced of all fossil fuels, with savings of up to 50% compared with oil and up to 60% compared with Liquid Petroleum Gas (LPG) (Source: SEAI 2012).

Natural Gas is the cleanest, most environmentally friendly fossil fuel available. It produces up to 25% less carbon dioxide than oil and up to 50% less than coal for the same energy output.

Natural Gas is incredibly versatile. You can use Natural Gas energy efficient appliances to heat or cool large spaces like conference rooms and banqueting areas. It can also supply all your hot water and catering needs, and

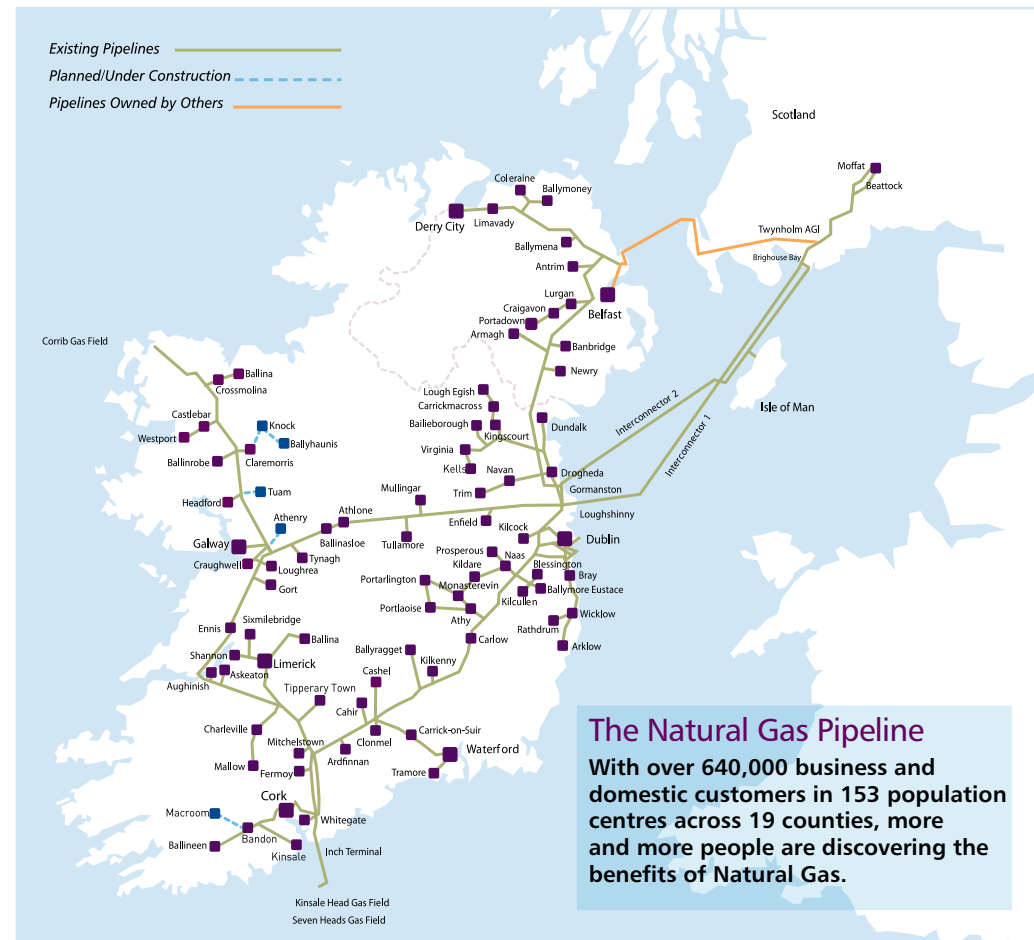
power other hotel equipment such as air conditioning and laundry.

And when you make the switch from oil or LPG you gain another important benefit: extra space. Natural Gas doesn't require large fuel tanks or a large storage area.

By installing Natural Gas you're assured of a constant uninterrupted energy supply with no need to order or schedule fuel deliveries.

Many hotels are already enjoying the benefits of Natural Gas. Read on to find out how it made a difference for **The McWilliam Park Hotel**, Claremorris and **The Rochestown Park Hotel**, Cork.

## Natural Gas. **Natural Choice.**



### Additional Benefits with Combined Heat and Power (CHP)

Your hotel could also make additional savings by opting for Combined Heat and Power (CHP). With CHP technology, Natural Gas is used on-site to provide both heat and electrical power from one device. The CHP unit burns gas to power a generator producing electricity, while

at the same time producing hot water. This process can result in very high efficiencies and reduce the overall fuel cost. With the installation of a Natural Gas fired CHP system, you can achieve an increase in energy efficiencies of between 20-25%.

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# The McWilliam Park Hotel



## Switching to Natural Gas saves The McWilliam Park Hotel up to **60% in energy costs annually**



The McWilliam Park Hotel in Claremorris boasts 103 bedrooms, a leisure centre and banqueting facilities for up to 500 guests, as well as a vibrant restaurant and bar trade. Opened in 2006, the hotel initially used LPG for its sizeable energy requirements. But their fuel consumption took up a large proportion of their running costs.

So in 2008 they took matters into their own hands. Recognising the benefits of Natural Gas and in conjunction with other businesses they persuaded Bord Gáis Networks to supply a Natural Gas pipeline to the town. The switch to Natural Gas resulted in an immediate substantial reduction in their fuel bill. A year later, by installing a CHP unit into the hotel, they were able to save a total of 60% on their annual energy bill compared to 2006.

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*"Immediately we cut our gas bill by 35% and even up to 42% at times. These savings allowed us to invest in new technologies.*



*In 2009 we installed a CHP plant into the hotel and while the capital outlay was significant, the payback on this investment was only 2-3 years. Now we are in the fortunate position to be able to benefit from far lower running costs than when we opened initially using LPG. Since switching, we have cut our energy bill by 60% approximately.*

*We never have to worry about getting tanks filled, or running out of fuel, or the hassle of organising deliveries. "*

**Mr. Fergal Ryan, General Manager,  
The McWilliam Park Hotel.**

## Natural Benefits

- The hotel made immediate cost savings of up to 42%.
- In 2009 after installing a CHP unit the hotel made further savings.
- In 2011 the hotel won an ECO award in recognition of their low carbon footprint.
- More efficient use of energy with CHP technology means greater cost control.

**For further information on getting connected, quotations or technical assistance, please contact our *businesslink* team on 1850 411 511 or email [businesslink@networks.bordgais.ie](mailto:businesslink@networks.bordgais.ie).**

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# Rochestown Park Hotel



*“ The installation of CHP and absorption chilling units has been a fantastic decision financially with substantial annual energy saving, prompt return on our investment while allowing us to do our bit for the environment by reducing our CO<sub>2</sub> emissions.*”



*The Rochestown Park Hotel has a strong commitment to reduce our energy costs and carbon footprint while continuing to exceed our customers expectations.”*

**Mr. John O'Donovan,  
Financial Controller,  
The Rochestown Park Hotel**

## Switching to Natural Gas saves The Rochestown Hotel up to **40% in energy costs annually**



The Rochestown Park Hotel in Cork has 149 bedrooms, plus 12 conference and banqueting suites catering for up to 700 guests. This means that the hotel has large energy requirements.

In 2008 the hotel completed an €18 million redevelopment and refurbishment of the property. As part

of this project, absorption chillers were installed to complement the existing CHP unit and to provide air conditioning in the hotel bedrooms, function rooms and leisure centre. The hotel reduced energy costs by over 40% per annum as well as cutting CO<sub>2</sub> emissions significantly.

### Natural Benefits

- Energy costs reduced by 40% annually.
- A payback period of 2-3 years means significant financial savings.
- No more waiting for deliveries means greater security of supply.
- Greater energy efficiency means greater savings.

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If you'd like to significantly reduce your energy costs as well as your CO<sub>2</sub> emissions, maybe it's time your hotel made the switch to Natural Gas.

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