



Introduction

Woodland House Hotel situated at the edge of the beautiful quaint village of Adare, Co. Limerick, is owned and managed by the Fitzgerald Family. The 94 bedroom hotel features the brand new state of the art Revas Spa, and extensive facilities ideal for a leisure break in Ireland and an ideal venue for meetings and weddings in Limerick. Minutes from Adare Manor Golf Club and within easy driving distances of Shannon International Airport and Limerick City, this hotel is a choice destination.

Economic/Environmental benefits of Woodlands Hotel CHP

- ◆ CHP significantly reduced the heating and electrical consumption at the hotel.
- ◆ The CHP installation saves in excess of € 67,000 on energy costs per annum.
- ◆ A payback period of less than the originally anticipated 2.5 years was achieved.
- ◆ CO2 emissions for the hotel were reduced by in excess of 333,333kg per annum.
- ◆ Enhanced security of supply.

Technical Specifications

CHP Model:	ENER-G 100
Fuel Type:	Natural Gas
Electrical Output:	110kWe
Heat Output:	185kWh
Fuel Input LHV:	325kWg
Fuel Input HHV:	365kWg

Design Team

Energy Consultants:	Tony Lyons Ph: 087- 6304612
CHP Supplier:	Temp Tech Ph: 061-413299

Owners Perspective (Advantages of CHP)

I am very happy to recommend the introduction of CHP to anybody with a requirement for hot water. We commissioned our CHP plant in January 2002 and while providing all of our heat requirements during the day it also generates 30% of our electricity requirements. This represented a saving of €67,500 on our energy bills in 2008 alone. In addition to this, the environmental aspect cannot be overlooked with a reduction in energy usage as well as the CO2 savings which is over 2000, tonnes since the commissioning of the plant in 2002.

David Fitzgerald, General Manager, Woodlands House Hotel

