

COMMERCIAL

Radisson SAS Hotel – London Stansted Airport

CHP delivers carbon cutting energy

“The nature of our location means we are particularly under scrutiny to reduce our impact on the environment, and with over 200,000 guests passing through our doors every year, this is no easy task. Our knowledge of Cogenco through other installations at hotels in the Radisson SAS Group and our commitment to reducing CO₂ emissions were the main factors when planning the project, alongside the significant cost savings. We were also looking at a competitively priced unit and excellent customer service. Cogenco were able to provide us with those things.”

Jens Hallman, General Manager

Customer profile

The Radisson SAS Hotel at London Stansted Airport is a modern 500 bedroom hotel and is unique as it is the only hotel at Stansted Airport with direct access to the main terminal building. With an extensive range conference and health club facilities and swimming pool, 4 individually designed bars and restaurants the hotel also has Europe's only Wine Tower which contains 4000 bottles of wine.

Site need

As part of a company wide Responsible Business programme, the Radisson SAS at Stansted works particularly hard on

counter balancing its carbon footprint. The Hotel enforces a Responsible Business programme passionately by making a conscious decision in favour of the environment and social issues. As part of this programme Radisson SAS wanted to improve the energy delivery for heat and electricity.

Dalkia's solution

Dalkia's specialist CHP team, Cogenco, identified that a combined heat and power (CHP) unit would supply the required energy and deliver efficiency benefits. Working with Radisson SAS Cogenco supplied, installed and commissioned a 300kW cogeneration unit to deliver heating, hot water and electricity on a 24 hours seven days a week basis.

Stansted's Radisson SAS Hotel and other hotels within the group are committed to environmental issues alongside the significant cost savings of having a Cogenco cogeneration unit installed; they are making a contribution to the reduction of CO₂ into the atmosphere.

Cogenco provide operation and maintenance of the installation and ensure energy efficiency is maintained and that the hotel can provide the comfort conditions for their guests. By using the CHP the hotel annually saves significant energy costs. The environment savings in CO₂ emissions exceed 300 tonnes per year.

Radisson SAS Hotel – London Stansted Airport

In recognition of their energy saving programme Radisson SAS Hotel London Stansted Airport was awarded the GOLD rating by the Green Tourism Business Scheme, the national sustainable certification scheme for the UK and is the only certification scheme validated by Visit Britain through the International Centre for Responsible Tourism (ICRT).

BENEFITS

- Significant energy costs savings
- CO₂ savings exceed 300 tonnes per year
- Stable electricity, hot water and heating supplies
- Lowered exposure to energy price fluctuations
- 24/7 monitoring and control
- Expert operation and maintenance



Elizabeth House
56/60 London Road
Staines, Middlesex TW18 4BQ

Tel: +44 (0) 1784 496200
Fax: +44 (0) 1784 496222
E-mail: hotline@dalkia.co.uk