

## Diocese of London



### Energy-saving Benchmarking

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This is to certify that the church of

### **ST JAMES PICCADILLY**

has taken measurements of its energy consumption during the year of **2008**.

St James's Church has also measured its floor area, and has estimated the numbers of persons attending services and other events and uses in the church and church rooms, and the numbers of hours of use each week and each year.

These figures have been entered in the Diocese's Energy-saving Benchmarking model, to assess:

- the **carbon footprint** of St James's Church (in 'CO<sub>2</sub> equivalent' or 'CO<sub>2</sub>e')
  - the efficiency of its **energy and fuel use**
  - the church's **overall efficiency** after taking account of the level of its **activities and uses**
  - a **target for energy and carbon emissions**, contributing to the Diocese's target savings.
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The church's weather-corrected carbon footprint for the year has been assessed as:

**72.4 tonnes CO<sub>2</sub>e**

This is comprised of

**51.0 tonnes** from fossil fuel (gas)  
and **21.4 tonnes** from electricity

The church's individual benchmark carbon footprint would be **56.9 tonnes**.  
Actual CO<sub>2</sub> emissions are **15.5 tonnes** above this neutral standard for the church.

Which represents a dual fuel energy efficiency within **Band F**  
and total carbon emissions also within **Band F**.

After considering its level of activity, the church's overall efficiency has been assessed as:

**BAND C**

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St James's Church is deemed to have contributed an estimated **12%** savings so far towards the Diocese's targets. Suggested target savings are **9.23%** from **2009 to 2012**.

When compounded with savings so far, this will contribute a total economy of **20.12%** from **2005 to 2012** – equal to the Diocese of London's short-term target.

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Signed: *Brian Cuthbertson*

Brian Cuthbertson  
Head of Environmental Challenge

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