

LIFTS

in association with
FSI FM Solutions

Bracken House, City of London

BRACKEN HOUSE, A GRADE II LISTED BUILDING NEAR ST PAUL'S CATHEDRAL in London, has recently undergone a total refurbishment of its lifts that is expected to reduce its energy bill by around £30,000 each year.

Bracken House was built in the 1950s as the home of the Financial Times newspaper. It underwent a major architectural redesign following its purchase in 1987 by Japanese construction company Obayashi Corporation, and is considered a landmark building, winning several awards. It is currently occupied by a major Japanese financial institution and is managed by FM David Ward.

The lift refurbishment project, awarded to Amalgamated Lifts, involved the modernisation and upgrading of four passenger lifts with state-of-the-art glass capsule scenic lifts, the refurbishment of three passenger/goods lifts and two hydraulic car/platform lifts.

The electricity bill for Bracken House is more than £1.5m a year. Over 20 years, the new lifts and equipment should reap energy savings of £500,000

Amalgamated Lifts installed VVVF control systems coupled with gearless machines for maximum energy efficiency and performance as well as intelligent grouping control incorporated within each lift controller.

Within each motor room was an air-conditioning unit, seven in total, that had been necessary to dissipate and control the heat created by the original geared machines. Once the refurbishment programme was complete the air-conditioning units were permanently



switched off, making further energy savings over and above the already substantial saving achieved by installing the new drive equipment.

The electricity bill for Bracken House is in excess of £1.5m a year; over their 20-year lifetime, the new lifts and equipment should reap likely energy savings of well over £500,000 **fmx**

Further Info

Full details of the energy savings can be found in the paper 'Lifting Your Carbon Awareness – how lifts can contribute to reducing your energy consumption', which can be downloaded free at www.al-lifts.co.uk

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