

# GREEN ENERGY USED BY CAPITAL'S NEW CABLE CAR

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The Emirates Airline Cable Car service, the capital's newest and most expensive tourist attraction, is pioneering the use of green energy to offer upscale views of the city. Travelling between Greenwich and the O2 Centre, the cable cars carried an average of 20,000 passengers a day during the Games. Each cable car is fitted with its own energy management and storage system integrating the ultracapacitor from Maxwell Technologies

Maxwell Technologies, selected by Bloomberg as 2012 New Energy Pioneer, has supplied the 48V ultracapacitor modules fitted on top of each car to enable split-second, rapid energy charging of the modules on reaching the charging stations located at both turnaround points. This energy storage management system ensures maximum passenger comfort on board during the 5 minute journey by providing the power needed for the multi-media, lights and air conditioning while keeping the carbon load to the minimum.

Unlike batteries, which produce and store energy by means of a chemical reaction, Maxwell's ultracapacitor stores energy in an electric field. This electrostatic energy storage mechanism enables ultracapacitors to charge and discharge in as little as fractions of a second, over a broad temperature range (-40 to + 65C) and operate reliably for up to one million plus charge/discharge cycles.

There is also the added advantage that, unlike conventional batteries which in any case would be too heavy, ultracapacitors require little or no maintenance making it the ideal solution for London's newest tourist attraction.

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## EDITORS NOTE:

\*Maxwell is a leading developer and manufacturer of innovative, cost-effective energy storage and power delivery solutions with a primary focus on ultracapacitors.

\*Maxwell's ultracapacitor products provide energy storage and power delivery solutions for applications in many industries, including automotive, transportation, renewable energy, backup power, wireless communications and consumer and industrial electronics.

\* Ultracapacitors enable energy's future to secure a more greener environment, while increasing comfort.

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