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BYD Announces EV Fleet Results at Anniversary of Green-Taxi Project



SHENZHEN, PRC – Today is the one year anniversary of the **world’s largest all-electric vehicle Taxi fleet** supplied by **BYD**. In conjunction with this anniversary, **BYD** announced results of several of its **electric vehicle** pilots – the **F3DM**, **e6** and **eBUS-12** fleet testing across the world. Fifty (50) of the **BYD’s e6**, five(5)-seat crossover vehicles, each with a **range of over 160 miles** (250-300 Km) and a **top speed of 88 mph** (or 140km/h) have been in service at Shenzhen-based Pengcheng Electric Taxi Company since April 29, 2010. The Shenzhen **e6** Taxi fleet has now accumulated **~1,730,000 all-electric miles** (or 2.77 million kilometers) while being *rapid charged* in 20-30 minutes. The distance traveled for single fleet vehicles has reached **~63,000 miles** each (or 100,000 km). “This fleet of 50 e6 taxis has survived the very harsh operating conditions of hot Shenzhen summers and a very cold winter this year, and drivers and passengers alike have been extremely satisfied with their ride experience”, according to Stella Li, Senior Vice President. 250 more eTaxi’s are being delivered to the International University in Shenzhen before August this year and officials believe that the per-car-fuel-savings is over **\$1167 per-Taxi-per-month** or 7519RMB per-car-per-month (driving an average of 400Km per day). **BYD’s** all-electric Taxis are expected to help Shenzhen avoid about **133 lbs** (or 60.4Kg) of **carbon-dioxide pollution per day per Taxi**. This is an equivalent of **2,425,060 lbs** (or 1.1M kg) of **carbon-dioxide pollution** avoided by this fleet in this first year.

The most important finding in the e6 fleet testing was that there has been no noticeable energy drop – both driving range and battery performance has been stable in rapid-charging conditions over the 1.73M miles tested – a breakthrough in EV rapid-charging. **BYD** has been challenged by the media about its claims of **long-range electric** vehicles and **superior battery longevity** in **rapid-charging** regimes, ever since it launched its first **dual-mode**, electric and **plug-in-hybrid electric** vehicles in December 2008. **BYD** now

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feels that it has proven its **Iron-Phosphate** battery technology with fleet test results and can discuss on-going **vehicle charging efficiencies, consumption efficiencies, EV ranges** over time and with **rapid-charging regimes**.

BYD further reported on its **F3DM fleet** which **BYD launched in its first US tests** at the **Housing Authority of Los Angeles (HACLA)**. The **F3DM** can travel over 40 miles (or 60 Km) all-electric but can be engaged to act as a Hybrid-Electric (**HEV**) to extend its range up to 300 miles. HACLA fleets have now accumulated **~10,430 miles all-electric** and 14,430 total miles (4,000 fuel-driven miles when extended range was necessary). The fleet is achieving an equivalent of **88 mpg** and BYD believes that the per-car-savings (even netting out EV charging and electricity costs) is **~70%**. BYD's **dual-mode** cars are expected to save HACLA about 37 lbs (or 16.8 Kg) of **carbon-dioxide** per-day-per-F3DM when driven to the EV range.



BYD launched a Chinese approved **all-electric bus fleet** with the **eBUS-12** ([click for video link](#)) in Shenzhen and Changsha China January 2011. These fleets have already accumulated **28,802 all-electric miles** (or 46,380 Km) while undergoing a 3-hour-charge of the 324 Kwh FE battery. An example of the per-eBUS-savings for Shenzhen's Bus Line 202 (driving only 200Km per day) is about **\$2833 monthly** per eBUS (or 18417 RMB per month). 300 more buses will be delivered to Shenzhen in August of this year. BYD's all-electric eBUSes avoid about 708 lbs (or 322Kg) in **carbon-dioxide** per eBUS per day.

In total, BYD EVs have accumulated over **1.769 million all-electric miles** and have seen **no diminished range or capacity due to the rapid-charging**. BYD vehicles are estimated to have already **saved \$360,000 in fuel costs** and over **2.776 million lbs of carbon-dioxide**. BYD launched consumer sales of the **F3DM** September 27th, 2010 and anticipates very good demand for the BYD e6 and all electric vehicles in China, based on city policy changes in cities like Beijing who announced, "consumers that purchase pure

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electric vehicles will also enjoy the special privilege of "[license-plate-lottery-free, no traffic restrictions and tax-free exemptions](http://english.peopledaily.com.cn/90001/98649/7344880.html) (paid by the government)." (LINK: <http://english.peopledaily.com.cn/90001/98649/7344880.html>)

About BYD

BYD Co., Ltd (BYD) is a listed company in the Hong Kong Stock Exchange that specializes in IT, automobile, and new energy. Being the largest rechargeable battery manufacturer of the world, BYD entered the auto business in 2003, and it has kept a robust yearly growth rate successively. In the auto business, BYD is a global pioneer in the field of new energy vehicles including Dual Mode Electric Models and Pure Electric Models. BYD has also focused on the Research & Development and manufacturing of a wide range of new energy products, including the LED lighting, energy storage system and solar energy products. With investments from **Warren Buffett (Berkshire Hathaway)** and **MidAmerican Energy Holdings**, today, BYD is the fastest-growing Chinese automotive and **green energy** technology manufacturer. The Company trades on the Hong Kong exchange (HKE) under the ticker numbers (HK.0285 – BYD Electronics) and (HK.1211 – BYD Company Ltd).

Further information on BYD is available at www.byd.com

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