

# **MEDIA RELEASE**

## **KillaCycle New Zealand Tour 2010**



### **THE WORLD'S FASTEST ELECTRIC MOTORBIKE**

The world's fastest electric motorbike, the KillaCycle – will tour New Zealand between January 21<sup>st</sup> and February 7<sup>th</sup> 2010. The purpose of the tour is to dispense with environmental compromise and to highlight technology with opportunities for cheaper, faster and more efficient solutions. In summary, green is fast, technology is awesome!

The KillaCycle will be on show and drag racing at the following locations:

- Classic Car and Hot Rod Festival, Kumeu (on show Sat 16<sup>th</sup> – Sun 17<sup>th</sup> Jan)
- Te Papa, Wellington (on show Thur 21<sup>st</sup> - Sun 24<sup>th</sup> Jan)
- Te Manawa, Palmerston North (on show 10am – 2pm, Mon 25<sup>th</sup> Jan)
- Roberts Reserve, Lake Terrace, Taupo (on show 1pm – 3pm, Wed 27<sup>th</sup> Jan)
- Wintec, Automotive workshop D 1.01 Avalon Campus, Hamilton (on show 2- 3pm, Thur 28<sup>th</sup> Jan)
- 4 and Rotary Nationals show and shine, Greenlane, Auckland (on show Sat 30<sup>th</sup> Jan)
- 4 and Rotary Nationals drag racing, Meremere (drag racing Sun 31<sup>st</sup> Jan)
- NZDRA National Series drag racing, Motueka Aerodrome, Nelson (drag racing Sat 6<sup>th</sup> Feb)

For more details see: <http://blog.greenstage.co.nz>

**KillaCycle Performance:**

KillaCycle is quicker and faster than ANY other electric-powered vehicle on the drag strip. It has over 500 hp and accelerates 0-60 mph (0-96 km/h) in less than a second.

The KillaCycle:

- has since 1999 continuously set and broken its own world records.
- has made the fastest (mph) and quickest (ET) 1/4 mile ever made by any electric vehicle of any kind (7.824 s @ 168 mph, Pomona, November 2007). No other electric vehicle of any kind, past or present, has ever gone this fast or this quick in the 1/4 mile.
- has been the world's fastest electric vehicle (mph) of any kind in the 1/4 mile since August 2000
- was the first electric vehicle to break the 8 seconds barrier in drag racing (November 2007)
- was the first electric vehicle of any kind to go over 150 mph in a 1/4 mile (August 2000).

**KillaCycle facts:**

0-60 mph (0-96 km/h): 0.97 seconds

Acceleration: 2.89 G (almost 3 times free fall)

Best Top Speed in 1/4 mile: 174.05 mph (280 km/h)

Lowest 1/4 mile Elapsed Time (ET): 7.824 seconds @ 168 mph (270 km/h)

NEDRA DMC/A3 record: 7.864 seconds @ 169 mph (271 km/h) at Bandimere, Sep 09

Power: over 500 hp

Battery: 1210 lithium iron nano-phosphate™ cells from A123 Systems

Battery weight: 200 lbs (90 kg)

Battery voltage: 374 Volts

Battery capacity: 9.1 kWh

High-current cell interconnect tabs welded with Miyachi-Unitek equipment

Motors: Two DC series motors @ 87 lbs (40 kg) each

Total weight of the bike: 653 lbs (296 kg)

Electricity consumption: 0.6 kWh, worth NZ\$ 0.14 for each run down the strip including the burn out. It corresponds to 2 ounces (70 ml) of gasoline.

Including burn-outs, the KillaCycle could make 7 or more runs on one charge. After a single run, it recharges in less than 4 minutes.

KillaCycle is silent aside from the chain and some tyre noise.

## **Expert Speakers (on tour with the the bike)**

Bill Dubé, the KillaCycle's owner is a passionate speaker on topics such as leadership, motivation, persistence, problem solving as well as engineering, motoring and the environment. Bill has been employed as a research scientist and instrument designer for the U.S. National Oceanic and Atmospheric Administration (NOAA) since 2003, and worked at the National Institute of Standards and Technology (NIST) from 1982. Bill commutes daily in an electric-converted 1985 VW Cabriolet with a top speed of over 100 mph.

Eva Håkansson, KillaCycle's crew chief is a well-regarded authority on alternative-fuel vehicles and electric vehicles in particular. She is on the advisory board for the Swedish Department of Energy and a board member of the Swedish "Green Motorists" as well as the Swedish Electric Vehicle society.

## **Contact**

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