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eCycle offers high efficiency Auxiliary Power Units (APU) for trucks and locomotives; provides Anti-Idling solution

(Temple, PA – January 27, 2005) – eCycle, a manufacturer of high efficiency generators, is pleased to announce its new line of auxiliary power units (APU) that offer up to 10 times the current of similar products presently on the market.

eCycle's APU was designed to answer industry's demand for lightweight, high efficiency mobile DC power solutions in compliance to the anti-idling laws that are being mandated throughout the United States. These units are perfect for vehicles requiring additional DC power as part of a total generation system. Depending on the application, the units can be configured to produce up to 6kW at low voltage (14, 28 or 72VDC) with current up to 400A.

Until now, there has not been a generator that can produce high current in a low voltage system. eCycle's unique electronically commutated motor/generator (CMG) utilizes SolidSlot™ technology that replaces traditional windings with bars of copper. These improvements result in a power dense generator that delivers high current at low voltage to maintain battery charge, while providing sufficient current to support all electrical needs.

eCycle's APU generally consists of the company's CMG brushless motor/generator and an industry-leading diesel engine. The APU was designed to be mounted peripherally and requires only 8 cubic feet of space (depending on engine choice). The unit features electric start, remote operation and can be connected to the vehicles main fuel supply.

A multi-function model is available that was designed for long haul and refrigerated trucks requiring a comprehensive power generation system that helps reduce unnecessary diesel idling and conserves fuel. The multifunction APU is available in liquid cooled configurations only and features a compressor to support cabin air conditioning.

In addition to significant annual savings in fuel, the eCycle APU significantly reduces maintenance costs and downtime resulting in increased profitability, longer engine life and less air pollution.

About eCycle (www.ecycle.com)

Established in 1996 and located in Temple, PA, eCycle produces a line of advanced brushless motors and generators, which have a wide range of applications in commercial, industrial, and consumer markets worldwide, particularly for mobile applications.