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FOR IMMEDIATE RELEASE

Hydrovolts Signs R&D Agreement with Woods Hole Oceanographic Institution

SEATTLE, WA. October 8, 2009 – Hydrovolts Inc. and the Woods Hole Oceanographic Institution (WHOI) have signed a Memorandum of Understanding (MOU) for development of hydrokinetic technology to provide renewable power for remote ocean sensors. Hydrovolts, located in Seattle, is an early-stage company with innovative hydropower technology. WHOI, located on Cape Cod in Massachusetts, is the largest non-profit oceanographic institution in the world. Hydrovolts will license its Flipwing hydrokinetic turbine technology to WHOI and provide design and program assistance. WHOI engineers will develop applications for the turbine to generate renewable energy from ocean currents that will trickle-charge battery packs for WHOI sensors in the ocean.

Ocean data sensors are often deployed far from shore, and their batteries have limited power. Changing the batteries often means an ocean-going vessel must be chartered to travel to the site and maintain station for several days. The cost of such vessels exceeds \$10,000 per day. WHOI has at least one sensor deployment where the Hydrovolts technology could reduce battery costs by more than \$100,000 per year.

The Hydrovolts Flipwing turbine is a patent-pending drag design that rotates in currents as slow as 20 cm/sec or about half a knot. Even this speed it can make sufficient power to charge batteries. This makes it applicable to a large area of the open ocean as well as coastal tidal regions. It has been demonstrated and validated for potential sensor applications at the University of Washington in Seattle.

The WHOI development program will be known as Hydrosense. The MOU covers collaboration principles and creates a foundation for development of ocean renewable energy research at WHOI.

“This is a significant step for Hydrovolts,” says CEO Burt Hamner. “Our technology’s potential for distributed energy generation in freshwater canals has already been recognized, and now its high value for ocean research provides exciting secondary markets for the company.” In April 2009 Hydrovolts was voted winner of the “First Look Forum” of the [Northwest Entrepreneur Network](#) (NWN) and in May the company won the [Zino Society’s](#) \$50,000 Zenith Award for Best Investment Opportunity. The company is currently a semi-finalist in the **Clean Tech Open**, a regional business plan contest sponsored by investment firms and service providers.

Information about Hydrovolts, including animation and video of its new turbine, are online at www.hydrovolts.com. For more information contact Burton Hamner, President, at 206-491-0945 or email burt@hydrovolts.com. WHOI: <http://www.whoi.edu/>

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