

Hydrovolts Newsletter



New Micro-Hydropower

November 2012

Hydrovolts' hydropower technology taps a plentiful but overlooked global source of renewable energy from flowing water in man-made waterways such as industrial water treatment facilities and canals. Hydrovolts turbines offer an economical and easy way to generate reliable, local clean power in millions of locations around the world. There's nothing else like it.

Hydrovolts' turbines are simple to deploy and connect. Installation usually takes less than one day. No weir, dam, or site preparation is needed, reducing costs and minimizing environmental impacts. Hydrovolts technology offers reliability, predictability, cost-efficiency and control unmatched by other renewable energy sources.

There are thousands of large water treatment facilities and man-made water canals in countries around

In this issue: Coming to Market \ New Leadership \ Recognition

Coming to Market

Hydrovolts will premiere its first commercial products at the annual conference of the [New England Water Environment Association](#) in Boston on January 27, 2013. The company will offer 2.5 and 15 kiloWatt (kW) waterfall turbines for the industrial water market and a 12kW turbine for the water canal market. The turbines generate steady clean renewable energy from water, with fast installation and no environmental impact, to serve an untapped global market.

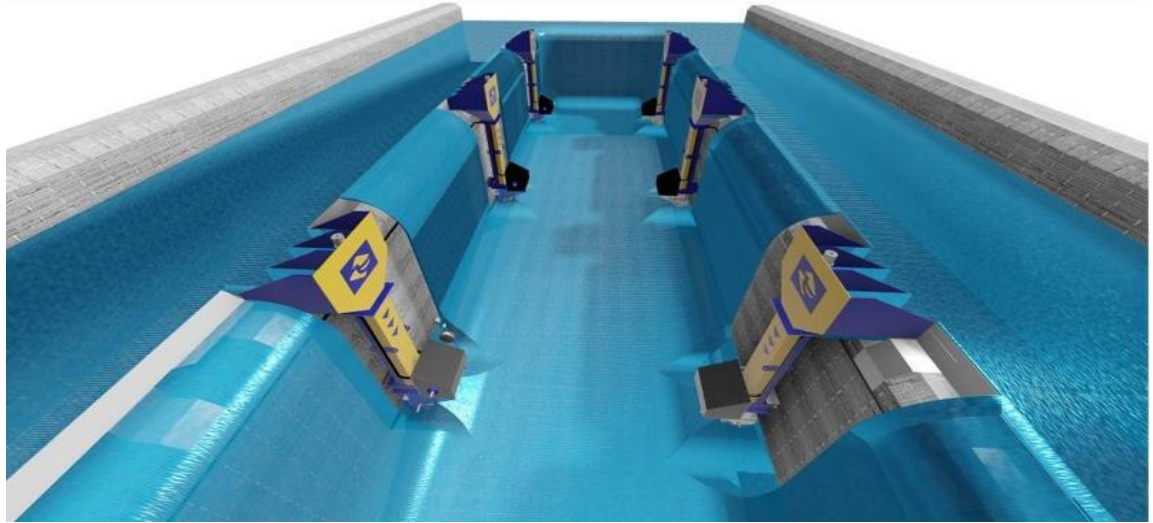
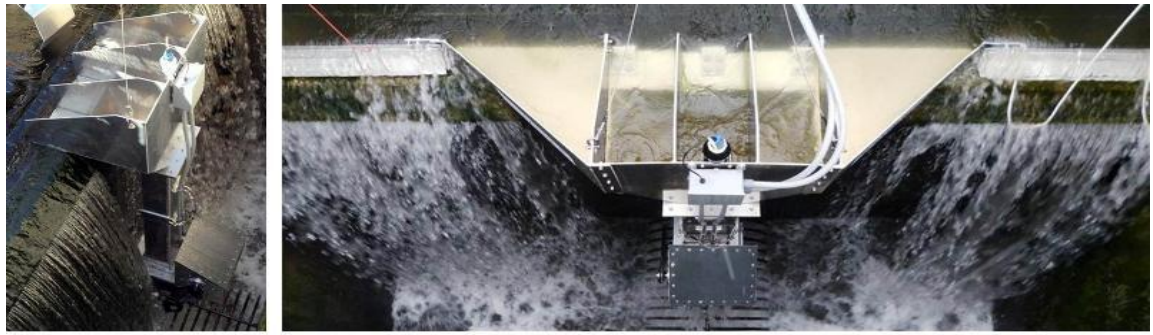
Our research and experience to date demonstrates that the "industrial" waterfall market will have a faster initial domestic acceptance and shorter sales cycle than that of the canal turbine. The industrial market for the new water turbines includes factories and plants with large internal flows of water dropping from one level to another (man-made waterfalls) and covers water treatment plants and a wide range of processing and manufacturing facilities. Hydrovolts has a patent-pending new way to attach the waterfall turbine that enables multiple installations along a waterfall rim. We have received strong interest in this new product from numerous municipal water treatment plant operators, energy services contractors and several global water technology corporations.

the globe whose flows are ideal for generating power from Hydrovolts' turbines.

Hydrovolts capitalizes upon the large global opportunity of untapped energy of controlled flowing water, enabling clean electricity in places never before possible.

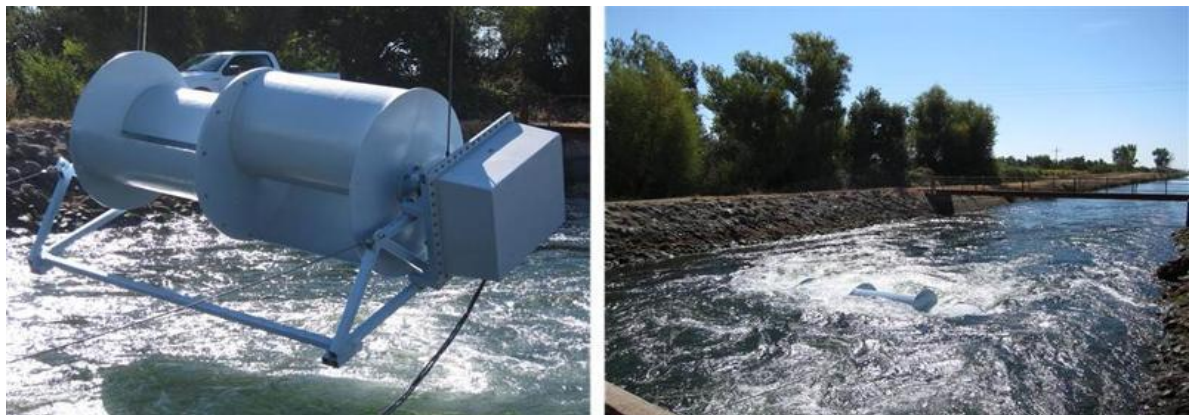
About our mailing list

You have received this newsletter because you have given us your email address or you have received our newsletters in the past. We recognize your time is valuable and your privacy important. Clicking the unsubscribe link at the bottom of this email will allow you to quickly and permanently remove your email address from all future Hydrovolts emails like this one. We apologize for any inconvenience.



*Top: Hydrovolts waterfall turbine currently operating at West Sound Utility District, Washington
Bottom: Rendering for proposed project in New York*

We are continuing development of the canal turbine for a global market that includes irrigation systems, water supply, cooling water discharges, and other controlled water channels. The C-12 turbine has been installed in a northern California canal operated by the Butte Water District and is generating power. Interconnection discussions with a local utility are underway.



Hydrovolts canal turbine installed and operating in Butte Water District near Gridley, California

By the end of 2012, Hydrovolts will have two waterfall and two canal turbines installed and generating renewable energy in four locations along the West Coast, proving the products' viability and effectiveness. Hydrovolts expects several units to be purchased by the demonstrations' host organizations.

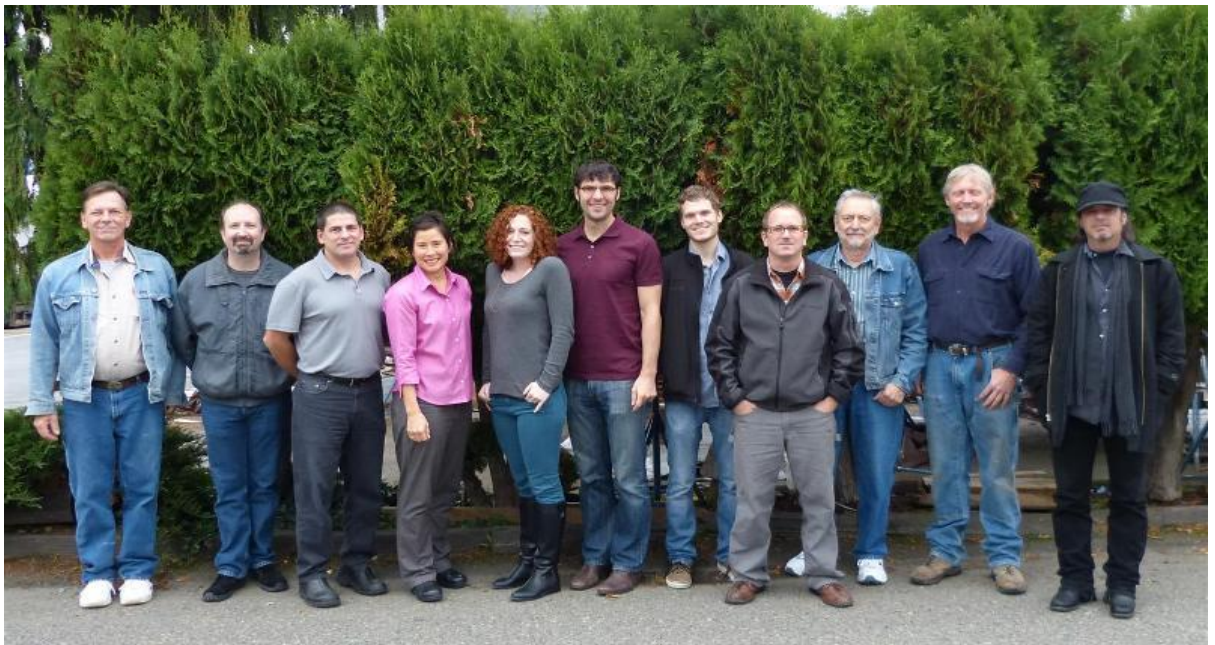
New Leadership

Hydrovolts is pleased to announce the appointment of Mike Layton as President. Mr. Layton has served as Hydrovolts COO for the past two years, and brings a legal background together with almost a decade of experience in manufacturing and hydropower generation.

"This change reflects Hydrovolts' transition from an early-stage development company to an operating business ready to launch its hydrokinetic turbines commercially," says Board Chairman Paul Curtis, "Hydrovolts' founder Burt Hamner has done a tremendous job growing Hydrovolts and winning international recognition. He has always recognized that the company will need new leadership when it goes to market, and that time is now."

Hamner, who is remaining on the company's Board, notes that "Mike has much more manufacturing experience than I do, and he has been ably managing the company's daily operations as COO for almost two years. I am looking forward to pursuing new opportunities while supporting Hydrovolts' continued success." Hamner has a new website, [Cleantech Mentor](#), where he can be contacted.

Hydrovolts has also added senior advisors for marketing (Anil Shrikhande, former President of Rolls-Royce India and Boeing India) and finance (Peter Weiss), as well as two outside Directors to its Board (Michael Fragin and Gilbert Hakim).



Hydrovolts Staff

Conferences and Recognition

Hydrovolts exhibited and presented at the [Hydrovision Conference](#) on July 17-19 in Louisville, Kentucky. This is the largest North American conference for the hydropower industry. The conference created great visibility and provided important information on legislation that will help Hydrovolts succeed. This past October in New Orleans Hydrovolts was an exhibitor and presenter at [WEFTEC](#), the world's largest water technology trade show. This conference has provided many leads for Hydrovolts' waterfall turbines.

Hydrovolts has been nominated as one of the Global Top 30 Semi-Finalists selected out of 200 companies by the [Global Cleantech Cluster Association](#) (GCCA) for its *2012 Later Stage Award*. Hydrovolts is also competing with two other companies to win the Tidal / Hydro category prize on November 13 at the [Savannah International Clean Energy Conference](#). A panel, many of whom are leading venture capital investors, will make the final decision. While we cannot make the conference as we are devoting all resources to the industrial waterfall turbine launch, please wish us luck!

Board Approves Bridge Funding

Hydrovolts Board of directors recently authorized the sale of up to \$1,000,000 of convertible debt to fund the company's product introduction and operations for the next year.

Thanks again to our friends for helping us advance this great new clean energy technology for the world.



Please feel free to reach out with any questions or comments. Our office phone number is 206.658.4380, or you can email our marketing director Rachel Saperstein at rachels@hydrovolts.com. We look forward to hearing from you.

On behalf of everyone at [Hydrovolts, Inc.](#)
Our best regards,

Mike Layton, President