

****PRESS RELEASE****

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**Columbia Power Technologies and GL Garrad Hassan
Partner for Wave Energy Technology Development and Sea Trials**

CORVALLIS, OREGON – Columbia Power Technologies LLC (Columbia Power), equipped with funding from the U.S. Department of Energy (DOE), has embarked on a research and development (R&D) initiative to develop, optimize, demonstrate and validate an intermediate-scale version of its Manta Wave Energy Converter device. Columbia Power consortium partner, GL Garrad Hassan, has been tasked to review and analyze wave data at the scaled site, optimize the wave energy converter, detail control algorithms, and to provide real seas control strategies and training.

“We have reached a key milestone in this project” said Ken Rhinefrank, VP of R&D at Columbia Power. “DOE’s funding, in addition to the support from the Oregon Congressional Delegation, has enabled us to move forward with sea trials in an efficient manner. We are confident that it will help us to realize a cost-effective wave energy solution with our Manta design in the near future.

Columbia Power President Brad Lamb added, *“Experience has proven that working with a consortium of experts is the smartest way to operate in an R&D environment. Capital efficiency and speed are essential and collaboration with GL Garrad Hassan’s Marine Renewables Group has been vital in the project thus far. We look forward to their continued support.”*

Deployment for the Manta Wave Energy Converter is projected to be at a sheltered site in the Puget Sound area in late 2010, in advance of a full-scale ocean demonstration. Columbia Power and the consortium have been working in unison on the wave converter device since 2008. 33rd and 15th scale models have been developed and successfully tested at Oregon State University in both the Tsunami Wave Basin and the Long Wave Flume.

Joao Cruz, Head of Wave Energy at GL Garrad Hassan said, *“We have been working with Columbia Power for more than two years, and I feel privileged to have witnessed the development of this flagship device, via a step-by-step approach that follows industry guidelines. We are delighted to provide support for the Manta Wave Converter and its future development.”*

GL Garrad Hassan provided services to the earlier phases of this project that included review and development of the technology road map, numerical modelling of the wave energy converter response, tank testing guidelines and on-site support during tank trials, and verification and validation of numerical model predictions and design optimization.

About Columbia Power Technologies LLC

Columbia Power Technologies, LLC is an emerging leader in the wave power industry. The company is commercializing a third-generation wave energy device using novel direct-drive permanent-magnet generator technologies. The Company’s design philosophy emphasizes survivability and simplicity with an ability to deliver energy at a competitive cost. Founded in 2005 with technology licensed from Oregon State University, the company is a member of the Greenlight Energy Resources, Inc. family of renewable energy companies and has primary R&D facilities and operations in Corvallis Oregon with administrative support in Charlottesville, Virginia.

For more information, visit www.columbiapwr.com.

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About GL Garrad Hassan

GL Garrad Hassan is the world's largest renewable energy consultancy. It offers independent technical and engineering services, products, and training courses to the onshore and offshore wind, wave, tidal and solar sectors. Although the GL Garrad Hassan name is new, the company has a rich heritage. It is borne of the integration of specialist companies that, united, form the renewable energy consulting division of the GL Group. GL Garrad Hassan is a consulting company; it has no equity stake in any device or project. This rule of operation is central to its philosophy, something which sets it apart from many of its competitors.

With a network of experts around the world, GL Garrad Hassan's global perspective is informed by local understanding. Recognised as a global technical authority on renewable energy, its wave and tidal experience is unrivalled. Its experts are working alongside key wave and tidal device and project developers around the world to help spearhead the development of prototypes and demonstration projects. They have also secured significant funding for ongoing R&D efforts, as well as develop advanced software for the future support of the industry.

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