

Energy-Marine/Hydro

by TidewaterCurrent

News and information relating to marine/hydro energy.

⊕ Part of Energy



Tidal power has 'huge potential'

bbc.co.uk



TidewaterCurrent "The SeaGen project in Northern Ireland is the largest grid connected tidal turbine in the world."

January 14, 2013



Wave energy to start flowing off Hayle this year

thisiscornwall.co.uk



TidewaterCurrent Cork-based Ocean Energy Ltd has been awarded the first license to test a full scale device at the Cornwall Wave Hub. The device is expected to be deployed later this year and will transmit energy to the grid.

January 15, 2013



Crown Estate to invest in wave energy and tidal energy development

hydroworld



TidewaterCurrent "The Crown Estate announced today that it is considering investing up to US\$32 million in wave energy and tidal energy projects in the United Kingdom."

January 22, 2013



Salt Power: Norway Project Gives Osmotic Energy a Shake

news.nationalgeographic



TidewaterCurrent Salinity gradient power is being tested in Norway. The energy created when salt and freshwater meet is being harnessed on a very modest scale, but the potential is tremendous as the technology can be utilized wherever freshwater meets the sea.

January 8, 2013



Wave Hub Ready To Take On Its First Energy Device «

earthtechling



TidewaterCurrent 1.5.13 - "The first wave energy device for Wave Hub, the big grid-connected test site being developed off the north coast of Cornwall in South West England, has been cleared for takeoff. The U.K.'s Marine Management Organization said this week it approved OceanEnergy's application to deploy and test its OEB35 device for up to three years."

January 7, 2013



Tidal energy projects share £30m in European funding

bbc.co.uk



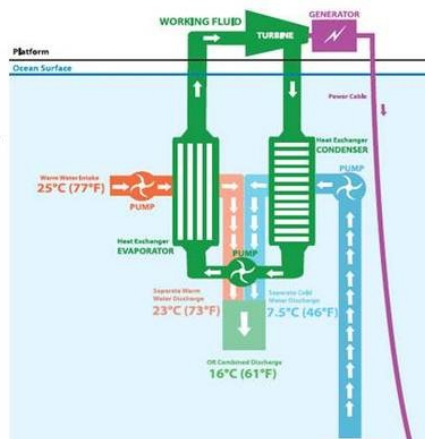
TidewaterCurrent 12.18.12 - Scotland planning 2 tidal turbine arrays. Taxes on polluting industries will fund the projects.

December 19, 2012

Ocean Thermal Energy Conversion

Offshore Closed-Cycle System

(from NOAA)



100-Megawatt Power Plant via Variations in Ocean Temperature

greentechmedia



TidewaterCurrent Ocean Thermal Energy Conversion - "Makai Ocean Engineering is working with Lockheed Martin (NYSE:LMT) on a kilowatt-sized demonstration project on Hawaii's Oahu Island and on the design of a 10-megawatt project. A 100-megawatt floating OTEC platform, Grandelli said, would resemble a moored, deep water oil platform and be "more narrow and deep, like a barge." Such a power plant would require a number of tugboat-sized engines, each pumping 750 metric tons of ocean water per second."

January 3, 2013



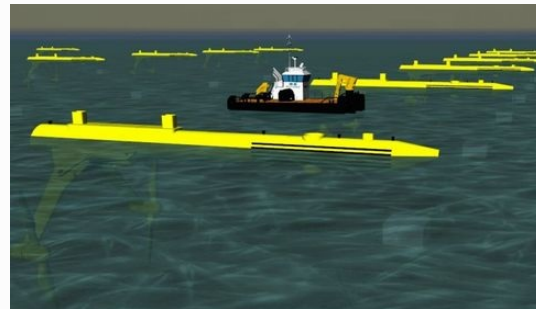
EWP to build its first commercial-scale wave energy harvesting system in China

gizmag



TidewaterCurrent 11.23.12 Eco Wave Power is partnering with the Ocean University of China for the construction of a commercial-scale development.

November 23, 2012



FM welcomes Scotrenewables investment

scotland.gov.uk



TidewaterCurrent Foreign investment worth £7.6 million in addition to a £1.24 million WATERS2 grant from the Scottish Government "will fund the design, construction, installation and testing of the next generation commercial-scale Scotrenewables tidal turbine, known as the SR2000."

December 17, 2012



Spain Hopes For Economic Boost With Wave-Powered Electricity Plant

keranews



TidewaterCurrent 11.26.12 - Fishing village in Spain uses oscillating water columns installed with within a breakwater to generate electricity. When the wave break, air is forced into a chamber and spins turbines.
November 27, 2012



West of Ireland wave energy project gets €19.8m in EU funding

siliconrepublic



TidewaterCurrent 12.18.12 - "The European Commission has today awarded €19.8m in funding to the WestWave wave energy project off the west coast of Ireland. The project, which is being led by ESB, will involve the installation of six wave energy converters, with the aim of generating up to 5MW of clean electricity by 2015."
December 19, 2012



Wave power to be tested next year

bbc.co.uk



TidewaterCurrent 11.14.12 - Trident's pods are designed to be attached to offshore wind turbines, increasing the capacity generated from offshore farms .
November 15, 2012



Barbados Looking to Ocean for Energy

caribjournal



TidewaterCurrent Several island nations are looking at creating energy from ocean thermal energy conversion (OTEC) which creates energy from the temperature differential in surface and deep water. "The cost of producing electricity from the ocean is comparable to coal in the United States, he said, which is about 8 cents per kilowatt hour. Currently, Barbados pays around 90 cents per kilowatt hour. In addition to producing electricity, an OTEC plant could also produce desalinated water."
November 30, 2012



Shetland's waves excite developers

shetnews.co.uk



TidewaterCurrent 11.6.12 - Sweden's Vattenfall looks to develop wave power six miles off Bigton.
November 7, 2012



Plugging in to wave power

thisiscornwall.co.uk



TidewaterCurrent 11.1.12 - Ireland's Ocean Energy's Buoy wave energy converter has applied for the first license to plug into Cornwall's wave hub which will feed electricity to the grid.
November 2, 2012



On the Horizon: Oregon Planning the Next Wave of Energy

youtube



TidewaterCurrent Oregon Wave Energy Trust Youtube explores wave/ocean energy research and testing at Oregon State University Wave tanks and in ocean testing of various devices.
October 31, 2012



Mexico's Marersa Offers Wave Power to Region

renewableenergyworld



TidewaterCurrent 10.30.12 - "Marersa is seeking patents for the technology which it developed to build its first three megawatt wave plant at Rosarita, in Baja California, about 15 miles south of Tijuana. The plant operates at close to 85 percent efficiency and was built for the equivalent cost of \$2 million per megawatt, excluding the sea wall cost, he says."
October 31, 2012

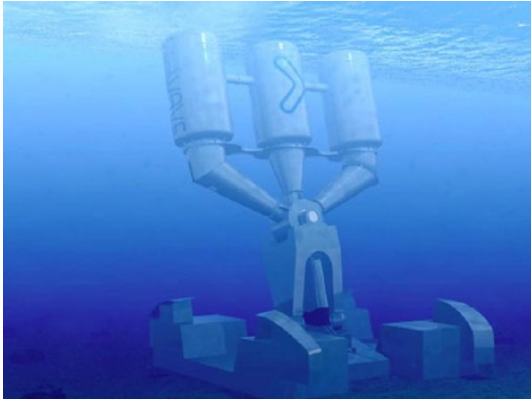


Wave Power Gets A Test On The Other Coast «

earthtechling



TidewaterCurrent 10.19.12 - Neptune Power tests prototype point absorber wave device in the Atlantic at University of New Hampshire's offshore test site some six miles off the coast of Portsmouth.
October 19, 2012



Plans To Make Wave Energy Commercially Viable

designbuildsource.com.au



TidewaterCurrent 11.9.12 - Australia - "The Port Fairy pilot demonstration project, which follows an extensive six-year research and development program, is currently entering the construction stage. It will test the bioWAVE technology at an ocean site located 850 metres from shore in 30-metre deep water, with power delivered to the national electricity grid via a subsea cable." And now the company has just forged a deal with Chinese Shanghai Electric Generation Group to bring the technology into commercial application. See more in Energy-Marine/Hydro collection.
November 10, 2012



Wave Power Concept Pitches Jersey Beach Town «

earthtechling



TidewaterCurrent 10.22.12 - Point Pleasant Beach, NJ investigating Clean Wave Energy's device which uses the energy in waves to pump pressurized water ashore where it spins turbines to generate electricity.
October 23, 2012



Crown Estate OK's Ireland's First Tidal Energy Plant

renewableenergyworld



TidewaterCurrent 10.11.12 - 100 MW hydrokinetic project approved on the north coast of Antrim. OpenHydro is testing a 2 MW unit off the the Brittany coast in France and a 1 MW unit is to be tested in the Puget Sound.
October 11, 2012



Underwater Turbines Help To Power The City That Never Sleeps

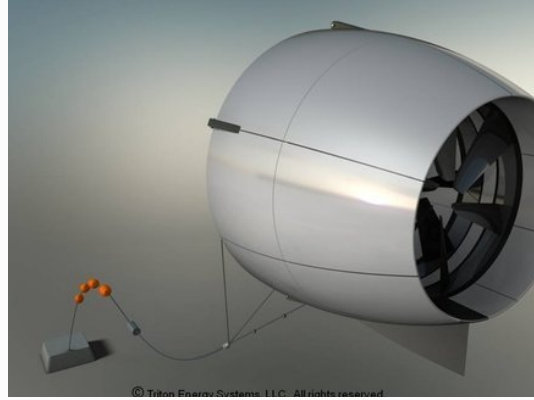
«

earthtechling



TidewaterCurrent 10.23.12 - Virginia based Verdant Power plans to install 30 turbines in NYC's East River over the next five years. According to the author: "Verdant staff keep an eye on the underwater turbines and any interactions with fish and other wildlife. It's an impressive monitoring operation, and one that Verdant will maintain"

October 24, 2012



A New Green Energy Idea: Harvesting Deep Ocean Currents

spectrum.ieee



TidewaterCurrent 10.16.12 - A group of companies are working to test a 1 MW turbine being built by Triton Energy Systems that captures the consistent energy found in deep ocean currents. The currents created from differences in temperature and salinity are strong and reliable and can be found within a couple of miles from shore.

October 18, 2012



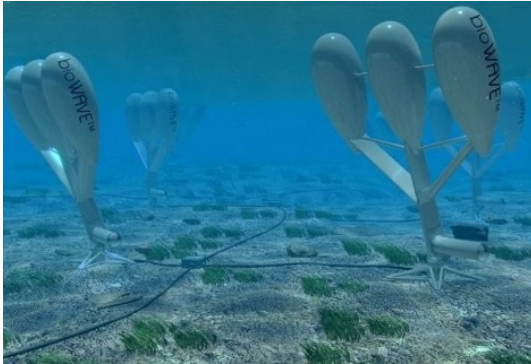
Alex Salmond launches £103m renewable energy fund

bbc.co.uk



TidewaterCurrent The fund will initially focus on wave and tidal energy and focus on providing loan guarantees and equity finance alongside co-investment partners

October 10, 2012



BioPower Systems, Wave Energy Company Forms Partnership With Large Chinese Industrial Group

cleantecnica



TidewaterCurrent 10.15.12 - Port Fairy, Victoria, Australia - "The pilot demonstration project, designed to showcase the bioWAVE technology, is nearing its construction stage. Planned at an ocean site roughly 850 metres from shore in water about 30 meters deep, the electricity generated will be delivered to the national grid by a subsea cable. Current plans have the construction scheduled to begin during late 2013."
October 18, 2012



In Quest for East River's Power, a Search for Stouter Arms

nytimes



TidewaterCurrent Verdant Power has been testing hydrokinetic turbines in NYC that spin with the flow of the East River. In the next few years, they hope to install a 30 turbine array which is enough to power a few hundred homes.
October 4, 2012



Dutch-Chinese bid to develop huge new tidal barrage system

rechargenews



TidewaterCurrent "China and the Netherlands have agreed to fast-track development of a novel barrage-style concept called Dynamic Tidal Power (DTP), with a view to deploying up to 15GW off the Chinese coast."
October 8, 2012



Could the ocean's whopping tides help power Alaska?

alaskadispatch



TidewaterCurrent 10.8.12 - Aleut tribal nonprofit recently receives \$200,000 U.S. DoE grant to explore tidal energy. Ocean Renewable Co. is conducting research and collecting data on the volume and speed of water flowing by False Pass.
October 9, 2012



Pioneering technology for Wave Hub project passes its first big test

thisiscornwall.co.uk



TidewaterCurrent 10.11.12 - Plymouth University has a new wave tank in the Coastal, Ocean and Sediment Laboratory which is being used to test devices for effective design prior to installation offshore for testing in Cornwall's Hayle Wave Hub where devices will be connected to the grid.
October 11, 2012



New wave energy technology

environmentalresearchweb



TidewaterCurrent 9.15.12 - Great review of several wave/tidal energy devices, some not covered here before. Links included.
September 17, 2012



Marine Energy Projects Pick Up Momentum

nytimes



TidewaterCurrent 10.1.12 - Good global overview of wave/tidal power. Numerous countries are pursuing the development of ocean energy sources and big players like Rolls Royce and Siemens are investing in the industry. The U.S. Department of Energy is investing \$10 million to develop technology theorizing wave and tidal power could meet 15 percent of U.S. electricity needs by 2030. Energy is being transferred to the grid from a tidal generator being tested in Maine.

October 2, 2012



Ocean Energy Flows To U.S. Grid For First Time «

earthtechling



TidewaterCurrent 9.14.12 - Bangor, Maine - Bangor Hydro Electric Company confirms that energy is flowing from the Cobscook Bay Tidal project. Ocean Power Renewable Company anticipates that their TideGen, tidal generator, will provide enough energy to power 25-30 homes over the course of the year. September 14, 2012



£7.9m for Scottish Wave and Tidal Power

cleantecnica



TidewaterCurrent 9.3.12 - Scottish government awards grants to 5 companies for pilot projects using very different technologies.

September 4, 2012



Wave energy test up and running on the Oregon coast

oregonlive



TidewaterCurrent 9.7.12 - "The Wet-NZ wave energy device is bobbing in the Oregon surf, testing the potential for waves as a power source." The New Zealand device is undergoing a 5 week test and sending information to a data hub anchored nearby. September 9, 2012



SeaGen Tidal Stream Turbine Proves It's Ready for Commercialization

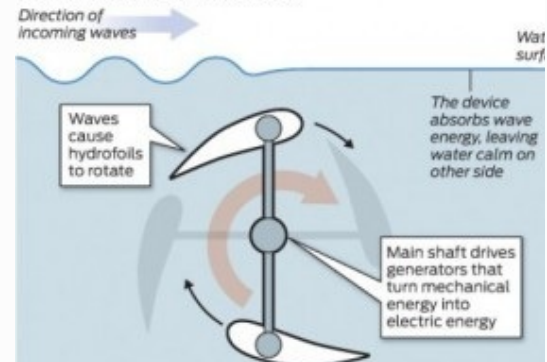
cleantecnica



TidewaterCurrent 9.10.12 - "Given SeaGen's performance, Siemens MCT is looking forward to future deployments and orders from other tidal power project developers. Two Seagen projects — the 8MW Kyle Rhea project in Scotland and the 10MW Anglesey Skerries project in Wales — are in the advanced stages of development."
September 10, 2012

Electricity from the ocean

Colorado-based Atargis Energy Corp. tested its wave energy device at Texas A&M University wave tank last month. Waves push the wing-shaped blades around a central axis, activating generators that turn the mechanical energy into electricity.

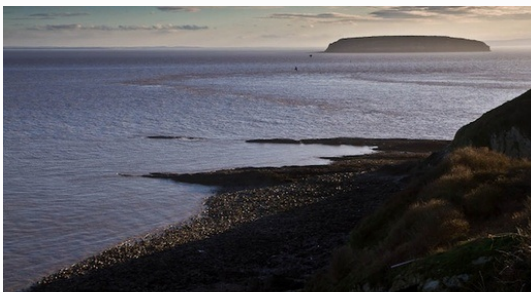


What The Future Of Wave Energy Looks Like - Forbes

forbes



TidewaterCurrent 9..27.12 - Author briefly highlights some of the technologies discussed at the Oregon Wave Energy Trust conference, some not mentioned in this collection before.
September 28, 2012



Private Investors Stepping In On Tidal Energy Development -

revmodo



TidewaterCurrent 8.23.12 - Severn Estuary between England and Wales could produce 16 terawatt hours of electricity each year.
August 24, 2012



Project Aims to Harness Wave Energy Off the Oregon Coast

nytimes



TidewaterCurrent 9.3.12 - Great overview of the wave energy development along the Oregon Coast.
September 4, 2012



Orkney, leader in green energy, launches wave power competition

guardian.co.uk



TidewaterCurrent The £10 Saltire prize challenge has 4 marine energy firms competing, including the Pelamis with the Sea Snake, Aquamrine with the Oyster 800, MeyGen with a tidal generator and Scottish Power Renewables also with tidal generators. To win the purse, the devices must operate for two years and produce 100 gigawatt hours of electricity.

August 29, 2012



Wave Energy Devices Put To Test In Oregon «

earthtechling



TidewaterCurrent 8.28.12 - Northwest National Marine Renewable Energy Center at Oregon State opens a testing center for marine energy devices. While not connected to the grid, the Center will provide the opportunity for device developers to test their systems in a challenging environment.

August 28, 2012



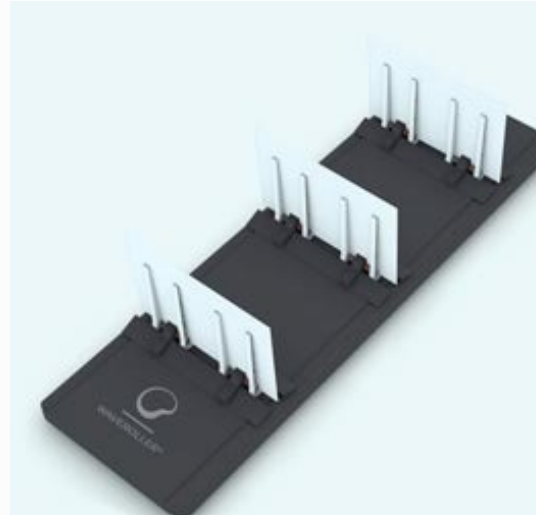
Tech Briefs: The SeaUrchin Tidal Power System

azocleantech



TidewaterCurrent Designed and developed by Elemental Energy Technologies of Australia, the technology is deployable virtually anywhere there is flowing water. The scalable device can be deployed in rivers and irrigations canals to capture the power of flowing water or a very large system can be deployed to capture the energy in ocean currents.

August 28, 2012



AW-Energy Raises \$9 Million to Commercialize Wave Power System

cleantechnica



TidewaterCurrent 9.4.12 - 3 Finnish Wave Rollers installed off the coast of Portugal on the sea floor in August are being tested in a pilot project.

September 4, 2012



The world's biggest marine energy projects

ewind.es



TidewaterCurrent 8.9.12 - Overview of marine energy projects.

August 11, 2012



Shetland island Yell to get a tidal power turbine

dailyrecord.co.uk



TidewaterCurrent 8.24.12 - World's first community owned tidal turbine.

August 24, 2012

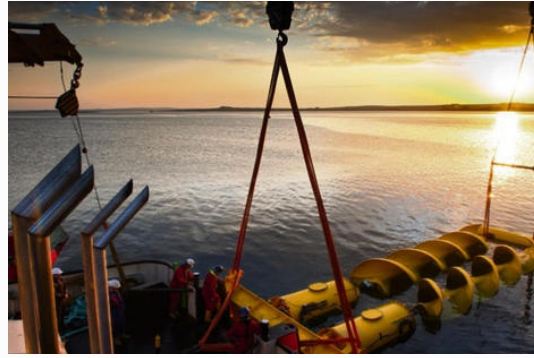


OCEAN POWER TECHNOLOGIES INC Awarded FERC License For Oregon Wave Power Station

4-traders



TidewaterCurrent 8.20.12 - License is the first to be issued for a wave power station in the United States August 20, 2012



Korea plans tidal test-centre with aid of Scottish know-how - Wave/Tidal/Hydro

rechargenews



TidewaterCurrent 8.17.12 - The Scots leadership in developing wave and tidal resources domestically is paying off with international opportunities. This is the third deal in Asia.
August 19, 2012



Marine Energy Park in Scotland launched

eandt.theiet



TidewaterCurrent 7.30.12 - The Pentland Firth park including the European Marine Energy Centre will be launched today by the UK Energy Ministry.
August 5, 2012



International Water Power and Dam Construction

waterpowermagazine



TidewaterCurrent 7.23.12 - University of Rio de Janeiro develops an wave energy converter.
July 24, 2012



CWE Ireland Limited

cweireland.ie



TidewaterCurrent Carnegie Wave Energy study identifies two potential site for a wave energy plant off of the Irish Coast. The company has applied for a license to conduct surveys for a 5 MW project.
August 7, 2012



Brazil Promotes First Wave Power Generator

offshorewind.biz



TidewaterCurrent 7.23.12 -
July 24, 2012

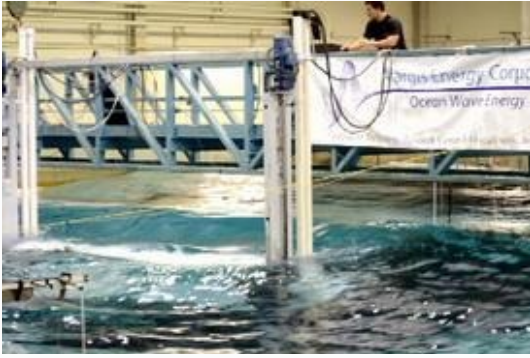


Tidal energy hits milestone in U.S. | SmartPlanet

smartplanet



TidewaterCurrent 7.25.12 - First commercial grid connected tidal plant to be installed this summer in Maine by Ocean Renewable Power Company.
July 25, 2012



Springs inventor's wave energy machine succeeds | koaa.com | Colorado Springs | Pueblo |

koaa



TidewaterCurrent 7..26.12 - Cycloidal Wave Energy Generator is tested at Texas A&M.
July 27, 2012



Alliance Between Israel and El Salvador in the Renewable Energy Field

marketwatch



TidewaterCurrent 7.27.12 - Group intends to design and construct 2 wave energy plants in El Salvador.
July 27, 2012

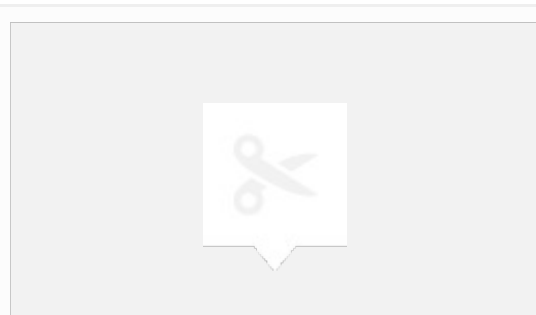


Finnish wave power ready to surge

yle.fi



TidewaterCurrent 7.27.12 - Two prototypes will be tested offshore this summer, the Penguin in Scotland and the WaveRoller in Portugal.
July 29, 2012



LMT, OPTT in a Wave-Energy Project - Analyst Blog

community.nasdaq



TidewaterCurrent 7.13.12 - Lockheed Martin partners with Ocean Power Technologies on Offshore wave power in Australia.
July 13, 2012



Tidal Turbine's Fish, Seabird Impact Put To Test «

earthtechling



TidewaterCurrent 7.11.12 - Sonar, radar and observation being used to study turbine impacts on marine and avian creatures.
July 11, 2012



Innovations In Wave Power: An Interview With Dr. George Taylor

azocleantech



TidewaterCurrent 7.5.12 - Ocean Power Technologies Executive is interviewed. An explanation of their PowerBuoy technology is included as well as their current and future plans (which include several demonstration projects).
July 5, 2012



Guidelines revised for marine power development in the US

waterpowermagazine



TidewaterCurrent 7.24.12 - BOEM and FERC new guidelines promote opportunities to test wave and tidal energy devices on the OCS. Link to new guidelines provided.
July 24, 2012



Mobile Wave Power: Ship-Based Energy Offers Renewable Solutions

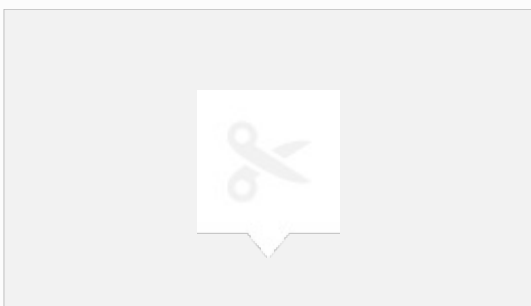
renewableenergyworld



TidewaterCurrent 7..13.12 -

Interesting concept: Barges deploy daily and collect energy with wave conversion devices that is stored in lithium ion batteries that can be used whenever there is demand. There are great savings in negating the need for a transmission line, but energy required for daily deployment will have an impact on the bottom line, so longer deployment times might be worth consideration.

July 13, 2012



Next Generation Wave Power Testing Completed By Ocean Power Technologies

azocleantech



TidewaterCurrent 6,200,12 - OPT testing new larger prototype device off Oregon.

<http://www.azocleantech.com/news.aspx?newsID=16880>

June 20, 2012



Australian navy signs up for wave power at its main base | Reuters

in.reuters



TidewaterCurrent 7.16.12 - The Carnegie CETO buoys use wave energy to pump pressurized water onshore and spin turbines to create electricity.

July 17, 2012

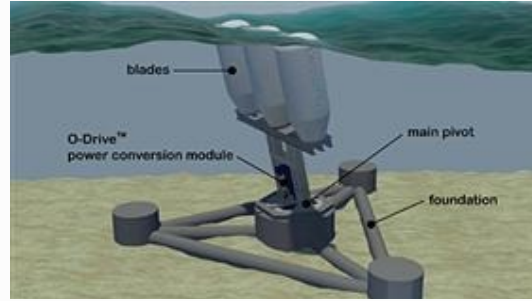


Edinburgh Wave energy company wins major award

theedinburghreporter.co.uk



TidewaterCurrent 6.29.12 - Aquamarine Power Oyster wave generator wins first prize for product and innovation at the first RenewableUk EnergyAwards. <http://www.theedinburghreporter.co.uk/2012/06/edinburgh-wave-energy-company-wins-major-award/> June 29, 2012



World's Largest Wave Turbine Gets New Grant from Australian Government

[cleantechnica](http://cleantechnica.com)



TidewaterCurrent 7.3.12 - Australia looks to be a global leader in wave power technology and energy production. With \$10 million in new government funding announced, BioPower and Oceanlinx will gain the opportunity to further demonstrate their technology. Carnegie Energy funded previously is constructing a 2 MW grid connected demo of its CETO technology. July 4, 2012



Carpet Mimics "Mud Hole" to Harvest Energy from Ocean Waves

[cleantechnica](http://cleantechnica.com)



TidewaterCurrent 6.20.12 - Carpet like structures could be floated or placed on the sea floor to absorb and capture energy. <http://cleantechnica.com/2012/06/20/biomimicry-carpet-harvests-wave-energy/> June 21, 2012



S.D.E Sea Wave Energy is in Negotiations With The Ministry of Electricity and Renewable Energy of Ecuador to Construct Power Plants That Produce Electricity From Sea Waves

marketwatch



TidewaterCurrent 6.18.12 - SDE is planning to deploy sea wave energy devices along the coast of Ecuador and Galapagos Island.
<http://www.marketwatch.com/story/sde-sea-wave-energy-is-in-negotiations-with-the-ministry-of-electricity-and-renewable-energy-of-ecuador-to-construct-power-plants-that-produce-electricity-from-sea-waves-2012-06-18>

June 19, 2012



Wave energy — Tidal study to map where power may be harnessed

redoubtreporter.wordpress



TidewaterCurrent 6.20.12 - Cook Inlet Alaska - 10 tidal monitoring stations were deployed by NOAA last week. Based on data collected a model of the inlet will be developed that estimates tidal energy around the Inlet. Close to population, the Inlet is best suited for tidal energy development.
<http://redoubtreporter.wordpress.com/2012/06/20/wave-energy-tidal-study-to-map-where-power-may-be-harnessed/>
June 20, 2012

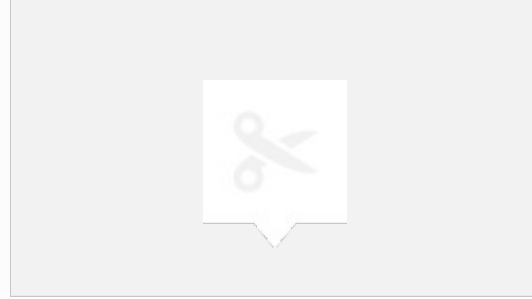


Eco Wave Power installs medium-scale wave energy generation system in the Black Sea

gizmag



TidewaterCurrent 6.12.12 - Lots of images . <http://www.gizmag.com/eco-wave-power-plant-black-sea/22919/>
June 14, 2012



Wave energy the focus of Science Pub

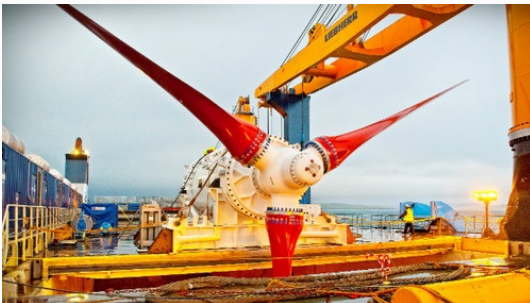
gazettetimes



TidewaterCurrent 6.11.12 - Oregon - OSU along with AXYS technologies of Vancouver are to deploy a test buoy off of Newport this summer where developers can attach wave devices for testing.

http://www.gazettetimes.com/news/local/wave-energy-the-focus-of-science-pub/article_dd27977c-b350-11e1-87dd-001a4bcf887a.html

June 11, 2012



Tide turns towards undersea energy - CNN.com

cnn



TidewaterCurrent 6.1.12 - Scottish tidal turbine tested off Orkney can produce 1 MW of energy enough to supply 500 homes.
<http://www.cnn.com/2012/05/31/world/europe/underwater-tidal-turbine/index.html>
June 4, 2012



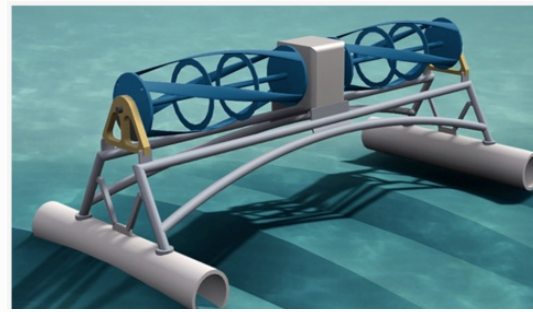
Tocado signs deal with Koreans for tidal turbine - Renewable Energy Magazine, at the heart of clean energy journalism

renewableenergymagazine



TidewaterCurrent 5.30.12 - Tested in Dutch waters, Tocardo turbines can be deployed offshore or in rivers. They are smaller and lower cost than their competitors and the company claims energy produced is competitive with wind farms.

http://www.renewableenergymagazine.com/article-ocean_energy-20650-77-Tocado_signs_deal_with_Koreans_for_tidal_turbine/en/en/
June 4, 2012



Tidal Energy Company Seeks To Make Rural River Power in Alaska - Forbes

forbes



TidewaterCurrent 5.31.12 - Ocean Renewable Power Company looks to test in stream generator in Igiugig. Like many villages in Alaska, residents rely on transported and therefore expensive diesel fuel and therefore there is great potential for renewables in the state. The company is moving forward with an installation in tidal Cobscook Bay, Maine.

<http://www.forbes.com/sites/davidferri/2012/05/31/tidal-energy-company-seeks-to-make-rural-river-power-in-alaska/>
June 4, 2012



Aussie Wave Power Tech Washes Ashore In Bermuda «

earthtechling



TidewaterCurrent
May 18, 2012

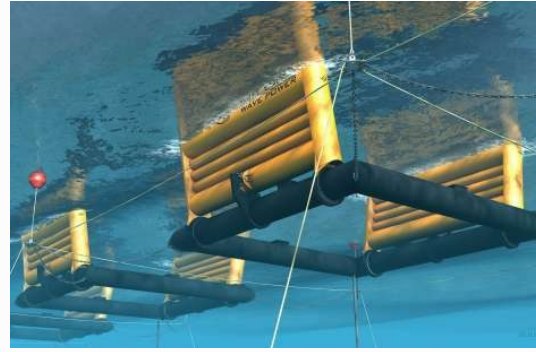


The new new hydropower: Small-scale turbines have big potential

grist



TidewaterCurrent 6.4.12 - Hydrokinetic energy is being tapped in an irrigation canal. Highways of channels have been developed worldwide and are particularly prevalent in the western United States to deliver water to farms and cities. The Bureau of Reclamation which manages thousands of miles of canals is working with the Interior Department and the Army Corps of Engineers to expand the use of this environmentally sound resource. A Seattle Start up, Hydrovolts, is testing technology to capturing the energy of this flowing water. Meanwhile, a Boston based company is testing somewhat different hydrokinetic technology in the Mississippi River. Video included.
<http://grist.org/renewable-energy/the-new-new-hydropower-small-scale-turbines-have-big-potential/>
June 5, 2012



Special Report Global Marine Renewables 2012

renews.biz



TidewaterCurrent 5.22.12 - Cash secures Langlee test off Norway - Project to go live in May 2013.
May 22, 2012



Energy-Marine/Hydro - 100-Foot Subsea Turbine Successfully Installed at World's First Tidal Farm Off the Coast of Scotland

inhabitat



TidewaterCurrent
May 20, 2012



Energy Department to fund wave power test in Hawaii

bizjournals



TidewaterCurrent 5.18.12 - \$500,000 available from the DOE to test wave energy device at the Kaneohe Bay Marine Corps Base.
<http://www.bizjournals.com/pacific/news/2012/05/18/energy-department-to-fund-wave-power.html>
May 19, 2012



Scotland Sets Up Fund to Encourage Wave, Tidal Energy Technology

businessweek



TidewaterCurrent 5.23.12 - \$28 million Marine Renewable Commercialisation Fund to innovate and drive down costs of wave and tidal power.
<http://www.businessweek.com/news/2012-05-23/scotland-sets-up-fund-to-encourage-wave-tidal-energy-technology>
May 23, 2012

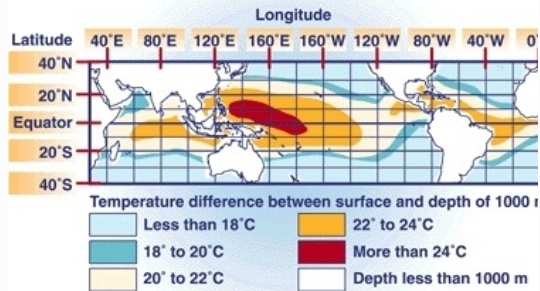


Eco Wave Power Successfully Installed its First Fully Operational Wave Energy Power Plant

marketwatch



TidewaterCurrent 5.24.12 - Medium Scale wave energy generation system installed in Black Sea for testing. You tube at:
<http://www.youtube.com/watch?v=nCNz-QW3JYY&feature=youtu.be>
May 24, 2012



OTEC - Ocean Thermal Energy Conversion - Scouring the Tropics for Thermal Energy

renewableenergyworld



TidewaterCurrent 5/3/12 - OTEC - Ocean Thermal Energy Conversion - Baltimore Co., OTEC International, has a demonstration project in the works in Hawaii.
May 3, 2012



Nova Scotia says it wants 10 per cent of power supply coming from tidal energy

winnipegfreepress



TidewaterCurrent 5/14/13 - Target set by Halifax government to supply 10% of energy for Nova Scotia from the tides. -

<http://www.winnipegfreepress.com/arts-and-life/life/greenpage/nova-scotia-says-it-wants-10-per-cent-of-power-supply-coming-from-tidal-energy-151420665.html>

May 14, 2012

Site of three-week buoy test



Company will test wave buoys near Cape Arago (Oregon)

theworldlink



TidewaterCurrent 5/2/12 - Wave power technology to be tested off the coast of Oregon this summer. Technology not planned for use in but off of islands where energy costs are high. -

http://theworldlink.com/news/local/company-will-test-wave-buoys-near-cape-arago/article_b80660ce-3def-5420-b7de-b2f7df4a6320.html

May 4, 2012



Maine Homes Will Soon Be Powered By Wave Energy

care2



TidewaterCurrent 5/14/12 - Cobscook Bay in the Gulf of Maine - Tidal energy support frame installed for the TideGen turbine system. The submersed turbines (pictured) to be installed this summer expected to produce 4 MW of power. -

<http://www.care2.com/causes/maine-homes-will-soon-be-powered-by-wave-energy.html>

May 15, 2012

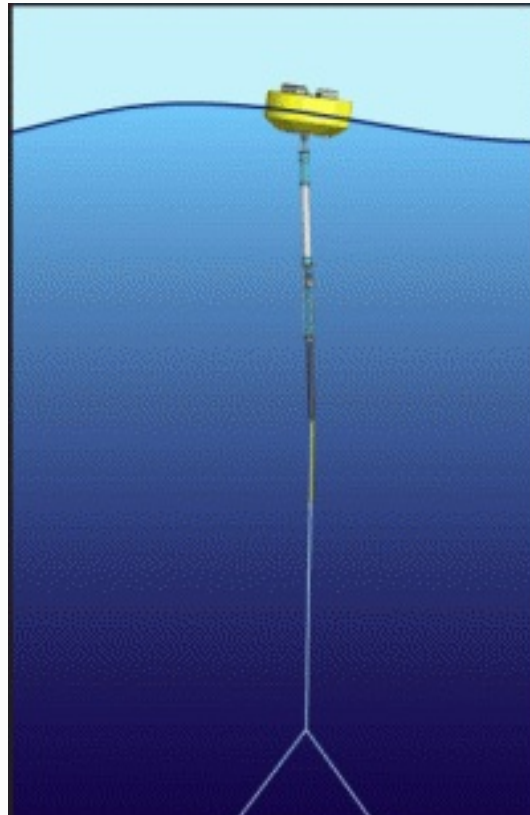


Carnegie moves closer to 20MW Bermuda wave energy deal

reneweconomy.com.au



TidewaterCurrent 5/14/12 - Year long study confirms viability of Carnegie Energy's CETO technology in Bermuda. The technology to be deployed off of Perth Australia and Reunion Island in the Indian Ocean, will likely be developed in stages, starting with a 2 MW pilot plant in Bermuda where energy is expensive..
May 14, 2012



Harnessing the awesome power of the ocean waves

phys



TidewaterCurrent 5/14/12 - Monterey Bay Aquarium Research Institute is developing a wave power device. As it rises and falls with each wave a piston compresses and decompresses nitrogen gas in a pneumatic chamber. The device is meant to capture energy from the small waves in Monterey bay which is not conducive for commercial energy production, but they do see it having potential to power scientific instruments or devices such as an underwater docking and charging station for autonomous underwater vehicles (AUVs) . -
<http://phys.org/news/2012-05-harnessing-awesome-power-ocean.html>
May 14, 2012



World first wave energy to connect to grid

news.ninemsn.com.au



TidewaterCurrent 5/1/12 - Australia - The CETO wave energy converter pumps pressurized water to spin a shore based generator.
May 1, 2012

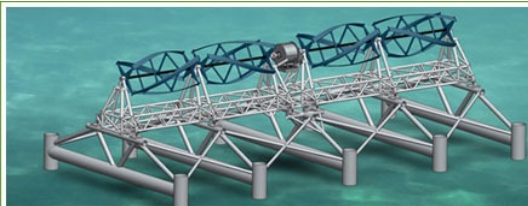


Osmotic Power - Power Meeting: Where Rivers Hit The Sea

earthtechling



TidewaterCurrent Osmotic Power - 4/30/12 - Power Meeting: Where Rivers Hit The Sea - <http://www.earthtechling.com/2012/04/power-meeting-where-rivers-hit-the-sea/>
April 30, 2012

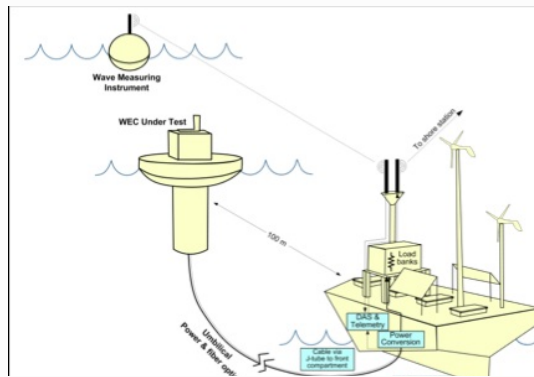


Maine Constructing 4 MW Commercial Tidal Power Project

ecogeek



TidewaterCurrent 5/1/12 - Maine Constructing 4 MW Commercial Tidal Power Project - TidGen construction has begun in the Gulf of Maine and the first phase should be online by October. - <http://www.ecogeek.org/component/content/article/3753>
May 2, 2012



Wave Power - Offshore Platform to Move U.S. Wave-Energy Industry from Lab to Sea

forbes



TidewaterCurrent Wave Power - 4/30/12 - Offshore Platform to Move U.S. Wave-Energy Industry from Lab to Sea - <http://www.forbes.com/sites/davidferri/2012/04/30/offshore-platform-to-move-us-wave-industry-lab-to-sea/>
April 30, 2012



WA To Launch World-First Wave Energy Project| CETO| Craig Ferguson

smh.com.au



TidewaterCurrent 5/1/12 - Australia - The CETO wave energy converter pumps pressurized water to spin a shore based generator. Video - <http://www.smh.com.au/wa-news/wa-to-launch-worldfirst-wave-energy-project-20120501-1xwk7.html>
May 1, 2012



WAVE ENERGY - Ross Henderson, technology director of Pelamis Wave Power

theengineer.co.uk



TidewaterCurrent 4//30/12 - WAVE POWER - <http://www.theengineer.co.uk/in-depth/interviews/ross-henderson-technology-director-of-pelamis-wave-power/1012453.article>
April 30, 2012

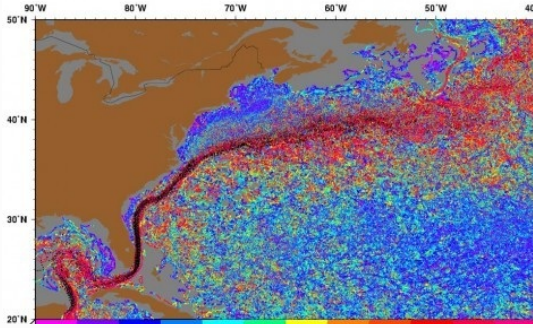


400-MW Meygen Marine Tidal Power EIA Moves Forward

cleantechnica



TidewaterCurrent Underwater noise studies to be conducted to determine impact on marine life prior to installation at project site in Scotland.
April 27, 2012



FAU'S NMREC Applies to Test Marine Turbines in the Gulf Stream

cleantechnica



TidewaterCurrent About 5 miles off Dania Beach, FL 4 devices have been deployed to measure water velocity. Florida Atlantic also hopes to install experimental turbines 15 miles off the coast of Ft. Lauderdale.
April 27, 2012