

**AOTEAROA WAVE AND TIDAL ENERGY ASSOCIATION  
NEWSLETTER**

**Volume 2, #1: January 2007**

Welcome to the first AWATEA newsletter for 2007. This is the first .pdf format newsletter issued by AWATEA, which replaces the old e-mail style newsletter. The format will be further modified early this year and settle into a recognizable style.

In the next three months the newsletter will be split into two: this summary headlines page and the following contents pages. From 1 April 2007 non-members on the mailing list will receive this headlines page only. Paid members of the Association will receive the full document. This is to recognize the support that AWATEA has had from its existing members and to encourage those of you interested in reading the contents to join the Association.

If you wish to join the Association an updated application form can be supplied on request by sending an e-mail to [mail@awatea.org.nz](mailto:mail@awatea.org.nz).

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## **Blue Energy: Taking the Plunge – AWATEA's first annual conference**

The first annual marine energy conference in New Zealand will take place on:

**Blue Energy: Taking the Plunge  
08:30 – 17:30, 15 March 2007  
Icon Room, Te Papa Tongarewa  
Wellington**

This will be a full-day conference with the opportunity to hear overseas and domestic speakers talk on two themes: Resources & Projects and Policies & Regulations. Senior Government officials have been invited to open the conference and give addresses on the draft energy and climate change documents, which were published for consultation before Christmas. The objective of the conference is to gather views and opinions on the proposals in the draft documents for a submission by 30 March 2007.

Two keynote speakers from overseas have been invited to retell their experience of projects and policies that will have great relevance to New Zealand. A number of other speakers have been approached to address the key conference themes. A panel discussion focussing on the Government's draft strategy documents will give conference delegates the opportunity to air their views.

Suggestions or volunteers for speaking slots are welcome, although most of the speaking slots are already filled. If you would like to speak or wish to recommend a topic or speaker, please contact the Executive Officer ([mail@awatea.org.nz](mailto:mail@awatea.org.nz)).

The cost of the conference will be:

**\$200 + GST for paid members of AWATEA**

**\$250 + GST for non-members**

Non-members may join the Association and receive the benefit of the discounted member's rate by sending a membership application form with their conference application form. An application form will be available on the AWATEA website, which is being upgraded, in the next couple of weeks. It will also be sent out to all the current recipients of the mailing list.

The conference fee includes attendance at the conference, including morning coffee, lunch and afternoon tea, together with a conference pack. Post-conference drinks will be available until 19:00 to give delegates a chance to network with other conference attendees. A conference CD will be available. Given the cost of other conferences, the Executive believes this is excellent value and should attract a wide and diverse audience.

Numbers will be limited because of the size of the available room. **To register your interest in the conference or join the mailing list, please send an e-mail to [mail@awatea.org.nz](mailto:mail@awatea.org.nz). Please forward this note to colleagues who may be interested in attending.**

The Executive of AWATEA is seeking sponsors to support the conference. There are a number of conference sponsorship packages available, ranging from \$500 upwards. If you are interested in taking up one of the sponsorship packages, please e-mail the Executive Officer ([mail@awatea.org.nz](mailto:mail@awatea.org.nz)) for further details.

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## **Publication of the draft New Zealand Energy Strategy and related documents**

In December, the Government published a deluge of energy and climate change strategy documents for consultation. Submissions on the documents must be returned by 30 March 2007.

The documents are welcome and the Executive believes its lobbying over the last year has borne fruit in some of the proposals. However, these need to be turned into permanent and supportive legislation and regulation, which will promote and sustain marine energy developments in New Zealand. The draft documents describe a future firmly based on renewable energy generation and reduced greenhouse gas emissions. The prospect of marine energy deployments is clearly identified in the proposal for a 'marine energy deployment fund', criteria for R & D funding and options for some regulatory changes to support uptake of marine energy.

The Executive of AWATEA is committed to making a submission and encourages its members to make submissions themselves and/or provide input to AWATEA for inclusion in its submission. A sub-committee of the Executive is currently developing a draft submission, which will be circulated to the mailing list by mid-February for feedback. As noted the conference will have the objective of discussing the draft documents and developing AWATEA's submission.

The draft documents can be found on the following websites:

Draft New Zealand Energy Strategy [www.med.govt.nz](http://www.med.govt.nz)

Transitional Measures: low emissions electricity

Discussion Paper: measures to reduce GHG emissions post-2012

Draft New Zealand Energy Efficiency and Conservation Strategy: [www.eeca.govt.nz](http://www.eeca.govt.nz)

Energy Research Roadmap: [www.morst.govt.nz](http://www.morst.govt.nz)

Please consider making a submission and/or contributing to AWATEA's submission.

## **Marine Energy Projects: Resource Consent Applications**

Members may be aware that CREST Energy, a member of AWATEA, submitted resource consent applications for a tidal energy project in the Kaipara Harbour, Northland, in August 2006. Details of the project and the consent applications can be found on CREST Energy's website, [www.crest-energy.com](http://www.crest-energy.com). Northland Regional Council (and other councils) sought submissions on the resource consent application by 12 January 2006. The Executive of AWATEA made a submission in support of CREST Energy's application, which will be available on the upgraded AWATEA website. The Executive Officer expects to appear at the hearings in due course.

The Executive is aware that other project developers may be seeking to submit consent applications in the near future. AWATEA's role is to promote a vibrant and dynamic marine energy industry and this will be assisted by robust and defensible consent applications, which meet the expectations of the territorial, authorities from which the consents will be sought. Whilst the Association does not wish to become an advisor to project developers, it does want to ensure that consent applications are complete and appropriate for their purpose.

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## Press Coverage

### "Testing the Water" – 6 January 2007

The Dominion Post published a very good and well-balanced article, "Testing the Water", by Tom Fitzsimons on the future of marine energy. AWATEA's most recent press release was quoted extensively.

A copy of the article is attached to the e-mail: please note that the article is: "Copyright Fairfax Media 2007, reproduced courtesy of The Dominion Post". It should not be forwarded without specific permission from the Dominion Post

The article led to a couple of 'Letters to the Editor', one asking how the TidEl technology actually worked and one suggesting that tidal turbines were already operational (at Hammerfest Strøm in Norway), regrettably incorrectly.

If you hear of other press coverage, please let us know: [mail@awatea.org.nz](mailto:mail@awatea.org.nz)

## Overseas News

### Ocean Power Delivery

The first commercial deployment of the 'Pelamis' wave energy technology was set in train when three of the devices were sold by their designer/manufacturer, Ocean Power Delivery (OPD) to a Portuguese utility, Enersis. The three Pelamis devices were transported to Portugal in mid-2006 and are being assembled at the port of Peniche. They were due to be deployed offshore before the end of 2006 but this did not occur. Given the North Atlantic weather window, the earliest deployment of the three devices will be most likely in the second quarter of 2007.

## Diary of Forthcoming Events

This is a listing of meetings, conferences and deadlines relating to energy, and particularly marine energy, events. If you are aware of an event that might interest AWATEA's membership, please e-mail details to: [mail@awatea.org.nz](mailto:mail@awatea.org.nz).

Date	Location	Event
26-28 Feb 2007	Auckland	9 <sup>th</sup> Annual National Power conference
28 February 2007	Dublin	EU Ocean and Wind Technologies conference
13-14 March 2007	Wellington	NZWEA Wind Energy conference, Te Papa, Wgtn.
<b>15 March 2007</b>	<b>Wellington</b>	<b>AWATEA conference, Te Papa, Wellington</b>
15 March 2007	London	BWEA Marine Energy Conference, London
20-22 March 2007	Mexico City	11 <sup>th</sup> IEA: Ocean Energy Systems Implementing Agreement Executive Committee meeting
30 March 2007	<a href="http://www.med.govt.nz">www.med.govt.nz</a>	Deadline for submissions on draft strategy documents
10–15 June 2007	San Diego	Special Symposium on Offshore Renewable Energy (part of OOAEE 2007)
21–23 August 2007	Hawaii	Energy Ocean 2007
11-14 September 2007	Porto, Portugal	7 <sup>th</sup> European Wave and Tidal Energy Conference
29 September–4 October 2007	Vancouver	Oceans07 Conference
30 November-1 December 2007	Halifax, Nova Scotia	OREG Fall Symposium "Enabling Wave and Tidal Energy: Technical Challenges and Technology Transfer Opportunities"

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## **AWATEA News**

### **Work Programme**

The AWATEA Executive has met eleven times since its first meeting on 28 April 2006, a hefty schedule since the Executive members, except for the Executive Officer, receive no payments and meet their own travel expenses. We owe a debt of thanks to their employers for enabling them to participate so fully and for supplying meeting and teleconference facilities.

Most of the work the Executive has done to date has focussed on establishment of the organization, organization of the mini-conference in September 2006, Rogers presentations in November 2006 and preparation for the forthcoming annual conference. However, the set-up phase is largely complete and we are moving into a more operational phase, in which organizational issues will (hopefully) play a smaller part.

The Executive recognizes that the Association needs a work programme to fulfil the stated objectives of its constitution of supporting, promoting and representing the nascent marine energy industry, as well as being a meeting place and information exchange for marine energy information. To that end the Executive has drafted a work programme, which comprises the following topics. The Executive would like to hear from members (and non-members) what topics or areas of interest AWATEA should be investigating and developing. The list below is not exhaustive, nor is it cast in stone. This is your opportunity to contribute to the future direction of the Association.

The proposed work programme has the following topics:

1. Marine energy resources atlas
2. Aotearoa Marine Energy Centre
3. Resource/space allocation regime
4. Grid/network connections
5. Regulatory interventions to promote marine energy (including submissions on the nz energy strategy and related consultation documents)
6. Growing sectoral capacity and capabilities
7. Environmental and social benefits
8. Developing international links

In forthcoming newsletters the Executive will set out its plans for work streams to develop each of these projects. In the meantime, if you have any comments on what is included in or missing from this list, please e-mail the Association at: [mail@awatea.org.nz](mailto:mail@awatea.org.nz).

## Change of Executive Membership

In late December, Mr. Tony McCormick, resigned his membership of the Executive as he was required to do under the Rules of the Association since he had left his employer, one of our corporate members. Tony was an early supporter of AWATEA and his enthusiasm and participation will be missed. The Executive wishes him, on behalf of the Association, all the best with his future plans. We hope he will maintain his personal involvement with the Association.

The Rules of the Association require there to be four Corporate/Professional members on the Executive (Rule 7.1.1) and grant the Executive the opportunity to co-opt appropriate individuals onto the Executive (Rule 7.4). Before he departed Tony suggested that we should consider one of his colleagues as a suitable replacement. Accordingly, Mr. Peter Apperley, Commercial Development Manager for Meridian Energy, was approached and agreed to serve on the Executive. Peter's bio listed below. We look forward to his contribution and to agreeing to replace Tony so quickly. Peter, like the rest of the Executive, will have to put himself up for election (or re-election) at the next Annual General Meeting in the middle of 2007.

Peter's biographic details follow:

<p>Peter Apperley is Commercial Development Manager for Meridian's Growth &amp; Development Directorate, a position that he has recently taken on following two years as Senior Commercial Analyst. He has over ten years' experience in the energy industry, including project management, network and generation investment prioritisation and optimisation, valuation, new technology development, power systems analysis and regulatory regimes. Peter has also worked as an engineering consultant for Leyland Consultants / Sinclair Knight Merz and commercial analyst for both UnitedNetworks and Vector.</p>
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## Website Upgrade

The current website was set up in June 2006 but now needs to be updated. The Executive has located a webmaster, who will look after future upgrades and additions to the site. A sub-committee of the Executive is currently developing new content for the site. This will include details of the new conference, the new Association Rules, presentations and press releases given by Executive members and a downloadable membership application form.

Corporate and Professional members will be able to have their logos and links displayed on the site. All members will have access to password-protected pages with additional information, including links to member organizations and equivalent organizations overseas.

Whilst the sub-committee is working, it welcomes suggestions and recommendations from the membership for additional content or facilities that members would like to see included on the upgraded site.

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## New Office

From 15 January 2007 the Aotearoa Wave and Tidal Energy Association will have a new physical address (postal address and telephone/fax numbers are unchanged):

*Physical Address:*

Level 8, Equinox House  
111 The Terrace  
Wellington 6011

Tel: +64 (0)4 499 0060

Fax: +64 (0)4 499 0059

*Postal Address:*

PO Box 25456  
Panama Street  
Wellington 6146

You can also contact AWATEA by sending an e-mail to [mail@awatea.org.nz](mailto:mail@awatea.org.nz).

The **Aotearoa Wave and Tidal Energy Association (AWATEA)** is a registered Incorporated Society. Its aim is to:

***"AWATEA will promote, aid and foster a vibrant and viable marine energy sector in New Zealand"***

**Role:** AWATEA will be the national association for the representation of industry and research interests in marine energy and its uses.

**Objectives:** AWATEA has the following objectives:

1. to **promote the marine energy industry** in New Zealand, including research, energy generation, marine fabrication and marine services;
2. to **increase recognition and utilization of marine energy** as another energy source in New Zealand's supply portfolio;
3. to act as a **centre for advocacy of marine energy**, including lobbying, drafting and making submissions to the Government and representing the views of the marine energy industry;
4. to assist in the **exchange of information about the marine energy sector** and to provide and publish statistics and informed commentary on issues affecting the uptake of marine energy in New Zealand;
5. to be a meeting place for marine energy industry participants; and
6. to **represent the New Zealand marine energy industry** to national bodies, including Government agencies, non-governmental organisations and other industry bodies as well as liaising with any relevant international bodies.

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