



ENERGETECH ACKNOWLEDGED BY INTERNATIONAL ACADEMY OF SCIENCE

The International Academy of Science recently named the Energetech wave energy technology as one of the ten most outstanding technologies in the world for 2006. This annual announcement by the Academy, at its headquarters in the US, covers all forms of technology throughout the world. The award is welcomed as a great accolade for Energetech, and also a sign that ocean wave energy is being recognised internationally for its vast potential to contribute in a sustainable way to the world's energy and desalinated water requirements.

INTERNATIONAL ACADEMY OF SCIENCE

Academy Home
Outstanding Technology of the Year
Finalists

Outstanding Technology of the Year Award - 2006

FINALIST

Wave Amplifier
Energetech

Ocean waves contain enormous amounts of energy, but the energy in each crest is generally spread out along it. If all the energy could be transported to one point it could be harnessed far more readily. Energetech has developed a system for harnessing the energy contained in ocean waves. The parabolic wall, chamber, and turbine are the essence of the Energetech Wave Energy System.

The Energetech System begins by focusing all the energy of a plane surface gravity wave crest onto a single point using a parabolic wave focuser. At the focus of the parabolic wall, the water rises and falls periodically with an amplitude approximately three times that of the incoming waves. As the wave converges, the crest height grows to a maximum in the focus area. All the energy of the section of the incoming plane wave converges on this point.

Energetech is a renewable energy technology development and industry advisory company. The company has developed a new and commercially efficient system for extracting energy from ocean waves and converting it to electricity or desalinated water. The Energetech technology now makes it possible for wave energy to provide a cheap, sustainable source of power or water to grid-connected and remote users – www.energetech.com.au

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