

Re: Vast new energy source almost here: Solar hydrogen fuel dream

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From: Dr. Jai Maharaj (usenet_at_mantra.com)

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In article <7rCdnRFeUo-YdrLcRVn-pQ@magma.ca>, "Dave Gower" <davegow.removethis@magma.ca> posted:

> *Dr. Jai Maharaj wrote*

>

> > *Australian scientists predict that a revolutionary new way to harness the power of the sun to extract clean and almost unlimited energy supplies from water will be a reality within seven years.*

> >

> > *Using special titanium oxide ceramics that harvest sunlight and split water to produce hydrogen fuel*

> *This isn't a new story, although that particular item may be recent. But there's another way to convert solar energy into hydrogen, which is to use the temperature difference between surface and deep water at the tropics, and produce hydrogen. Since the amount of solar energy arriving each day over tropical oceans vastly exceeds the world's energy use for the foreseeable future, the potential is huge. The best part is that the ocean acts as the collector, so you don't need huge solar arrays like you would with this technology. In addition, the mixing of the water would increase the amount of biological activity in a part of the ocean that's quite sterile.*

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> *The downside is that one would have to maintain huge floating platforms, which would need to be stabilized against wind and current to keep them out of shipping lanes, from running aground etc. But not too difficult.*

The military would never allow such an operation here in Hawaii, you think?

Jai Maharaj

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Om Shanti