

Re: H2 burner

Source: <http://sci.tech-archive.net/Archive/sci.energy.hydrogen/2008-06/msg00044.html>

- *From:* Monkey Clumps <spacebrain71@xxxxxxxx>
 - *Date:* Thu, 12 Jun 2008 05:59:29 -0700 (PDT)
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On Jun 11, 9:55 am, Williamknowsbest <William.M...@xxxxxxxx> wrote:

On Jun 11, 12:02 am, "Spaceman" <space...@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote:

"Williamknowsbest" <William.M...@xxxxxxxx> wrote in message

news:ebe75388-e9d6-466f-a157-e0c8a403b07e@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Anyone who visits my web site and fills out the contact information may request information including such photos. <http://www.usoal.com>

Nice business.
Must be raking in money.
:)

—
James M Driscoll Jr
Spaceman

Its highly leveraged at present – so, like Churchill I find I must rely on allies I don't particularly trust or like! lol. But we will prevail, that's for sure.

Hey William, have you seen this paper?

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<http://www.hionsolar.com/n-hion96.htm>

They describe a direct-thermal solar to hydrogen process where they achieved 1 to 2% efficiency. The interesting part was the section near the end talking about efficiencies of various methods.

Apparently, the solar-to-hydrogen efficiency obtained using silicon photovoltaic cells and an alkaline electrolyzer is about 6%. The conversion efficiency for a solar dish Stirling generator combined with an alkaline electrolyzer is 19%. The long term solar-to-hydrogen efficiency goal established by the National Renewable Energy Laboratory is 25%.

Now you come along and say you can achieve 55% thermodynamic efficiency with a device that is relatively inexpensive to boot. Your efficiency is more than double the long term goal. This seems like a huge breakthrough. As long as you have your designs protected by patents, why don't you publish some results in a peer-reviewed journal? You say you don't like the allies you have to rely on. If this breakthrough is real you should be sharing the news of it with the world. People and politicians are hungry for this sort of technical breakthrough. If you want allies you need to let people know and convince them that this is real. A usenet newsgroup is probably not the most efficient forum to spread the word.

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