

Re: Question for William Mook

Source: <http://sci.tech-archive.net/Archive/sci.energy.hydrogen/2007-12/msg00351.html>

- *From:* Monkey Clumps <spacebrain71@xxxxxxxxxx>
 - *Date:* Fri, 21 Dec 2007 05:38:09 -0800 (PST)
-

On Dec 19, 8:38 am, Monkey Clumps <spacebrai...@xxxxxxxxxx> wrote:

I know that you intend to use CPV system to generate hydrogen rather than sell electrical energy to the grid. However, I am curious if the hydrogen end of things didn't pan out, what sort of cost would you have for kWh? Are there technical issues such as energy storage and power demand vs. insolation that make selling to the grid impractical for you? I would think wind energy would have the same issues since you can't control when the wind blows. Maybe the issue is converting the DC from you solar system to high voltage AC? You have been talking about plant costs of \$.07 per peak watt, which seems to be way below any other type of power plant, including coal or gas. Even if your cost doubled to convert to grid AC it seem you would still be way ahead of the competition.

I think your plans for hydrogen are exciting, but would a more straight forward approach for you be to buy some cheap desert land somewhere between LA and Las Vegas, build a giant CPV farm and just sell the electricity to the grid? California could certainly use the power on hot sunny days.

So after writing pages and pages about your CPV invention, now you clam up? If my suggestion is stupid let me know. It seems like an obvious question since the keystone of your plan was low cost production of electricity from solar. As Dan Lancaster says electricity has far higher "exergy" than hydrogen. So why not just sell the electricity? What up dog?

.