

Re: Summation of Dr Olah's interview on Methanol

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- *From:* William Morse <wdmorse@xxxxxxxxxxxxx>
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Dan Bloomquist <public21@xxxxxxxxxxxxx> wrote in
[news:MegAg.6763\\$oa1.2226@xxxxxxxxxxxxx](mailto:news:MegAg.6763$oa1.2226@xxxxxxxxxxxxx):

William Morse wrote:

But potentially methanol fuel cells (please stop calling them batteries) can use less methanol than a heat engine to produce the same amount of electricity – and produce fewer pollutants (especially NOx). This is presumably why Dr Olah is excited about methanol.

I'm curios.

That's nice, but I already have plenty of knick-knacks :-)

Why this new paradigm that is not possible from where we are at????

I don't entirely understand the question. As I have said elsewhere, the attraction of methanol is that it has a reasonably high energy density and can be used in both ICE's and fuel cells (although current direct methanol fuel cells have significant problems, and methanol requires considerably more changes in infrastructure and engines than ethanol). So it makes a good bridge fuel to get from our current reliance on ICE's for transportation power (with their inherit efficiency limit and their NOx emissions) to fuel cells for transportation power. In short, it might be able to get us from where we are at to where we want to be, if accompanied by drastic reductions in energy used for transportation.

Yours,

Re: Summation of Dr Olah's interview on Methanol

Bill Morse