

Re: Research: Wind power pricier, emits more CO2 than thought

Source: <http://sci.tech-archive.net/Archive/sci.energy/2008-07/msg00100.html>

- *From:* disgoftunwells <disgoftunwells@xxxxxxxxxxxxx>
 - *Date:* Tue, 15 Jul 2008 01:13:57 -0700 (PDT)
-

On 13 Jul, 03:52, Bill Ghrist <notmyn...@xxxxxxxxxxxxx> wrote:

Regarding the arguments about whether wind power is mature...

If you go back and read the article originally referenced by this topic you will find that the premise has little if anything to do with the maturity of wind power technology. Rather it has to do with the amount and type of back up generation that must be provided if wind power is to be a major portion of total generation. The article specifically addresses the situation in the UK, and shows that it is not unusual to have periods of calm winds over all of the UK and continental Europe, sometimes for days at a time, meaning that you need an amount of backup generating capacity equal to the total wind capacity.

Back on topic! Thanks.

And my response was it's an excellent article but there are several points that the author misses. He concedes he doesn't analyse the impact electric cars, which with a 30% market share might provide 10KWhrs x 10 million = 100 GWhrs flexible storage capacity.

He also misses domestic boiler generators / micro CHP, though to be effective that will need improved gas storage facilities.

And the weather analysis didn't cover all of UK and Continental Europe, but covered some of the UK and Denmark / Germany, which will put a premium on wind farms further away, like Lewis. Personally, I think Norway has the best potential for Wind Energy in Europe.

.