

## Re: electric vehicles...

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- *From:* Don Lancaster <[don@xxxxxxxxxx](mailto:don@xxxxxxxxxx)>
  - *Date:* Thu, 13 Apr 2006 13:09:39 -0700
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BobG wrote:

Seems like it takes 15 or 20 hp to cruise along at about 60mph... about 15KW. If you drive to work 1/2 hr and home 1/2 hr, you need 15KWH of power, and probably need a battery bank of at least 30KWH. Thats a dozen big old batteries. Problem is when you get home and need to hump 15KWH back in overnight. Thats 7 or 8 hrs pulling 2KW out of the wall socket in the garage. Would cost about \$2 in Florida. How far did we drive? 60 miles? Thats about \$.03 a mile. If I had a 40 mpg car and gas was \$2.85 a gal, I'd be driving for \$.07 a mile. I'd like to put 4 panels on a tracker in the bed of a pickup. Park facing North at work, tracker tracks East to West during the day for 5 or 6 hrs... could put back several KWH used to get to work.... but not all.....

IF such a thing as a net energy pv panel existed, your 4 panels might produce enough energy to run the power mirrors.

Provided you did not adjust them too often.

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Many thanks,

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