

Energy - Docket Optical System

From: Douglas Buckley <dbbuck007@yahoo.com>
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California Energy Commission

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From: Buck Buckley, Joshua Tree Calif.

To whom I am concerned is just doing their job. The indifferent automaton syndrome,

Please think about what it is that is going on in front of your eyes.

In the beginning we knew and were told that oil would and is running out..... It doesn't just come bubbling out of the ground any more. We are squeezing shale rock, fracking and drilling new and old wells decommissioned because 20 years ago they weren't profitable enough to keep in operation. So how today can they pencil out when everything is so much more expensive?

And we give billions in subsidies to oil companies who are not going to be around much longer to continue oil exploration. Our tax dollars going to a failing industry who by the way makes billions in a quarter and can afford to not receive political gifts. Instead these subsidies should be given back to the people in the form of immediately applied roof top solar systems across the entire country building the distributed system we need over the next five years making America stronger not weaker.

It also eliminates the need to use billions of dollars of public funds to finance more fragile infrastructure, that wastes dwindling natural resources and that destroys public and private lands that should not be put on the chopping block simply because we didn't get started down the right road long ago when the climate deniers were busy spinning their tales to protect big profits.

This money could also be repurposed right now to fund distributed solar on rooftops ending this discussion and destruction of miles of desert not to mention the years of court battles, mitigation and destroyed wildlife.

Bottom line.

I would suggest that if just the amount of tax dollars spent over the past eight or so years working on this DRECP had been used to install distributed solar on rooftops everywhere in California then we would already have half of the 20,000 Mega watts up and running today just by investing in the very technology we are still talking about and planning where to build it. For instance in one year without billions in subsidies solar panels have gone from 235watts to 285watts and micro inverters produce 15% more output and are warranted 25 years instead of ten years. They are internally grounded safer and easier to install.

Distributed rooftop does not need any new land be sacrificed for the cause. It can be done. Germany has done it in less than ten years and they produce 80% of their needs from distributed rooftop solar energy and they are exporting energy. Germany is also planning to shut down dirty generation plants beginning with their Nuclear plants.

If distributed rooftop solar existed throughout the U.S.A. in the manner that it does in Germany, then the U.S.A. would be more secure from terrorist attacks and war time bombing as the first targets are power, fuel and water. Distributed power is spread out and already at point of use, which also eliminates huge amounts of lost energy due to transmission loss, which by the way we now pay for

and I believe utilities make more money on because it is not regulated energy but expensed to us on the transmission side of this wasteful industries model of doing business.

I personally have solar on all of my properties and believe that the state of California should abandon it's flawed thinking through the DRECP and immediately approve distributed generation to be made available everywhere possible today. Furthermore all new construction should be net zero via over-storied solar bridges built into exterior walls that use passive solar design to reduce heating and cooling needs as part of new codes. This would assist to make California a model for the rest of the nation in order to catch up to Germany and begin to offset climate change today.

Climate change needs to begin now; planning for it to start later is wasteful in the terms of money because now is when the results are needed. Since the results can be achieved now via distributed rooftop solar, then that must become the new priority.