

4/19/2015

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Dear Ms. Murray

In my March 23rd letter {email} to the SEC on Rulemaking, I suggested that one of the considerations for siting an energy facility be a measure/ratio of actual power/wattage produced per acre of land the energy complex will occupy. Additionally, I suggested that the actual power produced for non-dispatchable power complexes be bench marked by time of day and season against the total ISO-NE historical load/demand.

This article from the NYT is very clear about land use efficiency. Before siting any energy project in NH, particularly non-dispatchable plants, I suggest the SEC carefully weigh land use efficiency.

http://www.nytimes.com/2015/04/15/business/an-environmentalist-call-to-look-past-sustainable-development.html?_r=0

Clearly, the USA is ripe for energy efficiency overall. { see kilowatt hours per capita graph }.

The article is very clear about **land use efficiency** and says:

"Windmills {turbines} or biofuels would put large swaths of the earth's surface in the service of energy production so they have only limited usefulness. Solar panels and nuclear plants, by contrast, could essentially provide carbon free energy on a very large scale."

Energy that does not correlate to demand and that produces anemic wattage per acre of land destroyed is energy that "greens" used to believe in. Now this important new thinking acknowledges the truth and provides a blueprint for the future versus a link to past failures around the globe and here in the US.

Wind turbines are evidently giant symbols of misplaced hope for many.....but as this article points out.....they don't ever scale.

Please incorporate performance metrics, the performance metrics I suggested in my March 23rd letter in your site evaluation rules.

I'm encouraged to see that a leading paper like the NYT apparently thinks land use efficiency is important too.

Thanks for your time and consideration.

Larry Goodman
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