

To whom it may concern

At first, I apologise for my bad english.

Installing Wind turbines is a big mistake for the following reasons:

1. Wind turbines cannot replace thermal plants producing electricity because each device produces only a very tiny amount of MWh. So, to replace a substantial part of thermal electricity you will have to install a enormous number of turbines. At a cost of approximatively 2 millions US \$ per (installed) MW that represents an investment perhaps very hard to afford in this crisis time. Wind turbines cannot be installed and function without large public funding.
2. Wind turbines cannot replace thermal plants producing electricity because the production is essentially randomly variable. As it is supposed to be used locally you have to dedicate in advance a spare thermal production locally to regulate the wind turbines output. As wind turbines produce only the equivalent of 25% (often less) of time at maximum output power, it is necessary to dedicate thermal production for the missing 75%. If the regions where you install wind turbines set have few thermal electricity works, you have to add new thermal works. For this reason wind energy will increase greenhouse gas emissions coming from these additionnal classic thermal units. In addition, special equipments, new lines, etc... have to be added with corresponding cost. Taking into account the quick variations of wind speed, the regulation by thermal works is hectic and so induces bad efficiency giving expensive kWh, lack of instaneous responses which cause brown-out. The regulation of large wind energy set is so difficult that the regulation authority in Germany has to disconnect wind works in case of big wind situation. In Denmark, wind operators have to pay a tax per Mwh when they inject energy in inapropriate conditions.
3. Even with a large amount of wind turbines you cannot replace classic electricity works as it is explain in E.ON Netz Wind report 2005. The German company is a major grid operator with many wind turbines (www.wind-watch.org/documents/wp-content/.../eonwindreport2005.pdf). More, if you increase the number of turbines, you decrease the percentage of classic output which is saved by wind energy.
4. On 4th of november 2004 there was a major electrical failure starting in Germany and spread all over Europe (www.energy-regulators.eu/.../E06-BAG-01-06_Blackout-FinalReport_2007-02-06.pdf). Wind turbines works have dramatically increase the development of the failure and delay the recovery.
5. One argument claimed by the wind electricity lobby is **employment**. But all studies demonstrate that is unfounded. Money invested in renewable enrgy and specially in wind energy raises less employment compared to the same amount of money put in classic industrial sectors. See only the Rhine-Westfal Institute for energy research report (in english) (www.instituteforenergyresearch.org/germany/Germany_Study_FINAL.pdf) or the report from University King Juan Carlos: « Study on the effect on employment of public aid to renewable energy source » (in english) (<http://www.juandemariana.org/pdf/090327-employment-public-aid-renewable.pdf>).
6. In order to make more money wind turbines lobby tries to minimize length of lines linking turbines to the electricity network. The result is always that they put the giant machines very close to houses. The disastrous effect on human beeing are well

described in « Wind Turbine Syndrome » by Nina Pierpont, MD, PhD (K-selected Books Santa Fe, NM) (www.windturbinesyndrome.com)

7. The disastrous effect of wind turbines on birds and bats is well known. All details are available on <http://www.iberica2000.org/Es/Articulo.asp?Id=1228> (in english).
8. The greediness of the members of the wind lobby (specially when public money is involved) is such that in all countries there are cases of bribery, biased propaganda, manipulations, ... largely reported by newspapers.
9. The green lobby is well organized in GWEC (Global Wind Energy Council) with certainly a kind of Australia Wind Energy Association (?) like we have EWEA in Europe. They make world summits, press releases, pressures on governments, pressures on ministers. They will (or they have already) certainly invite influent politicians to show and to claim the beneficence of wind energy They very likely subsidize green associations who participate very actively to a large and continuous canvassing for wind energy. As wind energy is supposed reducing greenhouse gaz (GHG) emissions, the green lobby is aboard on IPPC ship. As the time goes by this ship looks to be sinking. Then the poor (see item 2 above) argument of reducing GHG emissions is falling for wind energy.
10. There are numerous other problems with wind energy like impact on tourism, current non sine-shapped, deforestation in some places inducing rain problems, interfering with radars, fire in turbines, broken blades, refusal by neighbourhood... Australian decision makers may be interested by the UK site www.countryguardian.org and the US site www.windaction.org .
11. Conclusion : If somebody wants industrial wind turbines, is he a good faith honest inspired benefactor or a manipulated unconscious person or a psycho-stiff green integrist (a green Khmer) or a bribed operative decision maker or a wind developer ?
The australian answer will come in a few amount of time.

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