

From: [BoardSec](#)
To: [REDACTED]
Subject: FW: Letter of Comment Submitted: EB-2013-0203
Date: August 27, 2013 8:50:47 AM

From: Webmaster
Sent: August-26-13 10:21 PM
To: BoardSec
Subject: Letter of Comment Submitted: EB-2013-0203

LETTER OF COMMENT

Comments:

I am concerned about the high voltage transmission line that NRWC (Niagara Region Wind Corporation) is proposing.

The mandate of the OEB is for the protection of consumers with respect to quality of electrical service, reliability of electrical service and prices of electricity.

Over the past few years my electricity bill has increased dramatically. I understand that there are to be more increases in the future as well. Prior to the installation of solar and wind farms, my electrical bill was much lower. The majority of our energy came from hydro, nuclear, coal or gas (and still does). With the installation of solar and wind, the price of electricity has sky rocketed. Ontario used to have very low electricity rates by now, the price of electricity is one of the highest in North America. My hydro bill has increased because of the solar and wind subsidies that are awarded to the solar and wind companies.

If one looks at the IESO website, it is very clear that very little of our energy comes from wind or solar. In fact, wind is very unreliable and needs backup. Solar is also less reliable than hydro, nuclear, coal or gas. Our electricity costs have soared, but the electricity output has increased by a very small amount following the operation of wind and solar farms. Lots of money going in, very little energy coming out!!!

Looking at the auditor general's report of 2011, it clearly states that renewable energy will not be cost effective. According to a statement on page 87 the intent of the Green Energy and Green Economy Act was to:

1. attract investment in renewable energy
2. promote a culture of energy conservation
3. create a competitive business environment
4. increase job opportunities
5. reduce greenhouse gas emissions

With respect to the above intents, the auditor General's report states:

p. 89 - Because the ministerial directions were quite specific about what was to be done, both the Ministry and the OPA directed their energies to implementing the Minister's requested actions as quickly as possible. As a result, no comprehensive business-case evaluation was done to objectively evaluate the impacts of the billion-dollar commitment. Such an evaluation would typically include assessing the prospective economic and environmental effects of such a massive investment in renewable energy on future electricity prices, direct and indirect job creation or losses, greenhouse gas emissions, and other variables.

In other words, No assessment was done to determine the "prospective economic and environmental effects of such a massive investment in renewable energy on future electricity

prices"

Pg 91Recent public announcements stated that the Green Energy and Green Economy Act, 2009 was expected to support over 50,000 jobs, about 40,000 of which would be related to renewable energy. However, about 30,000, or 75%, of these jobs were expected to be construction jobs lasting only from one to three years. We also noted that studies in other jurisdictions have shown that for each job created through renewable energy programs, about two to four jobs are often lost in other sectors of the economy because of higher electricity prices.

p. 91 " wind and solar provide intermittent energy and require backup power from coal or gas-fired generators to maintain a steady reliable output. According to the study used by the Ministry (of Energy) and OPA, 10,000 MW of electricity from wind would require an additional 47% of non-wind power."

Because wind needs backup most of the time, wind energy cannot be considered "green" . Backup would come from gas or coal. Adding wind energy to the energy mix will cause a minimum reduction of greenhouse gas emissions. Currently in Ontario, greenhouse gas emissions are at a minimum. Hydro and nuclear produce no gas emissions. Coal fired plants can have scrubbers added to reduce the amount of greenhouse emissions. Gas plants (or coal plants) are needed to back up the unreliable wind energy.

Also in the manufacture of the turbine blades, many emissions will be dumped into the atmosphere. Emissions such as ammonia, petroleum distillates, ethylbenzene and suspended particulate matter (see EBR Registry Number 011-9860) will be polluting the atmosphere. How can this be considered green? Clearly it is not green.

Each wind turbine will take up about 3 acres of land. Most of this land is agricultural land. How can using agricultural land for industrial wind turbines be considered "green". Clearly wind energy is not green.

Also on p. 107 of the auditor general's report it states "The OEB indicated that ceilings, caps, or other measures must be in place to minimize the risk of higher consumer prices and less than optimal deployment of resources." I have to demand that the OEB do their job and stop all of the projects that fall under the FIT programs. We cannot afford the electricity!!!

Please, just do your job and protect the interests of Ontario electricity consumers. Do NOT approve of any additional transmission lines or associated facilities. The renewable energy initiative is driving industry out of this province due to increased energy costs, so it decreases job opportunities. Studies in other jurisdictions have shown that for every job created through renewable energy programs, about two to four jobs are often lost in other sectors of the economy because of higher electricity prices.

Yours truly,
Lois Johnson

Name: Lois Johnson

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

