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**Date:** 2009-03-23 11:26 PM  
**Subject:** Submission to Electricity GHG emissions and Air Pollution in NS

Submission to Electricity GHG Emissions and Air Pollution in Nova Scotia Strategy

March 23, 2009

By  
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I have reviewed the proposals for emissions reductions proposed, and have the following comments.

Since 1979 I have been involved in renewable energy in Nova Scotia, which includes having built in 1984 the first small power plant 220kw, run by an independent company selling power to NSPC and hence NSPI. My experience is also in using solar technologies and design on my home, and in consulting and advising others to do the same. In this decade I have worked on projects related to wind energy and lobbied for a progressive versus the regressive renewable energy policy Nova Scotia has. I am one of the leading practitioners and theorists in Nova Scotia on renewables for a transition away from burning coal for electricity.

In the last year my work has been to develop a plan for Nova Scotia to become a leading renewables society with the focus on benefits to the people of the Province coming from this transition, so that real economic value results from this transition. I would be pleased to present this plan in person, as I have done in public lectures in Antigonish and Acadia recently.

This plan is called:

" Nova Scotia -The Next 5 Years : An Energy Plan to Avoid a Failed Society; An action Plan for Renewable Energy and Energy Efficiency Policy and Programs, to Maximize the Benefits to Nova Scotians.

It is my opinion that we have in Nova Scotia a once in a lifetime combination of opportunities in which to reduce our electricity based GHG and other emissions by more than 75% by 2020, not a mere 50%.

This involves:

- Buying the maximum amount of hydro power from the Newfoundland project, so that at a maximum no more than Point Aconi, and one other 150MW coal fired plant is left in the Province by 2020.
- Making a major transition to a solar society in a staged roll out starting within 1 year, using solar hot water, solar hot air, solar housing, and PV. This is explained in my plan.
- Wind energy projects for backing off of coal and taking up load

growth, Also for energy security as Dr. Larry Hughes is suggesting.

- A Feed-in-Tariff for renewables as Ontario now has implemented.
- Not allowing NSPI, the private monopoly electric utility, to be the most influential party influencing government to determine Nova Scotia's electrical energy future and current policies.

The above can be done in both an efficacious and economically advantageous manner for Nova Scotians. An action plan for a 50% reduction will be detrimental to the future of the Province and the economy in the next ten years, in comparison to a far more ambitious goal that I am suggesting, of a 75% or more reduction, which will create significant economic benefits both short and long term.

I would be pleased to explain this further in person.

Sincerely

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