

# Standing Committee on Finance

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## Clean Air Renewable Energy Coalition

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# Clean Air Renewable Energy Coalition

- Founded in December 2000 by Suncor Energy Inc. and Pembina Institute
- Brings together a “Counter-Intuitive Group of Strange Bedfellows”, not the “Usual Suspects”
- Includes 18 members (industry, ENGOs, municipalities)
- Laser focussed on advancing Green Power (as defined by Eco Logo) in Canada
- Members forced to ‘check their biases at the door’ in working on Coalition matters



# Who We Are

AIM PowerGen Corporation

Axor

BC Hydro

BP Canada Energy Company

Benign Energy Canada Inc.

Canadian Hydro Developers

Enbridge

Federation of Canadian Municipalities

Friends of the Earth

International Institute for  
Sustainable Development

Ontario Power Generation Inc.

Pembina Institute

Pollution Probe

Shell Canada Limited

Suncor Energy

Toronto Atmospheric Fund

Toronto Environmental Alliance

Toronto Hydro



# What is our Vision?

The Clean Air Renewable Energy Coalition's Goal is:

*“To have low-impact renewable energy account for a minimum of 7 % of Canada’s electricity production in 2010, and 15 % by 2020”*



# How Do We Get There

- Develop a National Renewable Energy Strategy (relating to low-impact renewable energy/green power)
- “will engage stakeholders in developing comprehensive approaches to encourage increased production and use of clean, renewable energy...” *Throne Speech, October 5, 2004*



# Recommended Elements for Inclusion in a Strategy

- Expand the Wind Power Production Incentive (WPPI) from 1000 MW to 4000 MW\* at a level not less than 1.0 cent/kWh
- Create a Green Power Production Incentive (GPPI) to incent other non-wind low-impact renewable technologies (small hydro, biomass, geothermal, wave, tidal, etc.)
- Expand the Market Incentive Program (MIP)

\* *Announced in the October 5 Throne Speech “.... including support for windpower production in Canada, stimulated by a quadrupling of the Wind Power Production Incentive”*



# Recommended Elements for Inclusion in a Strategy (continued)

- Increase Federal Government Green Power Procurement – from 20% in 2006 to 30% by 2010 and 80% by 2020
- Create a 100,000 Solar Roof program through a Government buy-down program that restores 30% of Purchasing Costs
- Assess the Renewable Energy Resources in Canada
- Enhance Research and Development



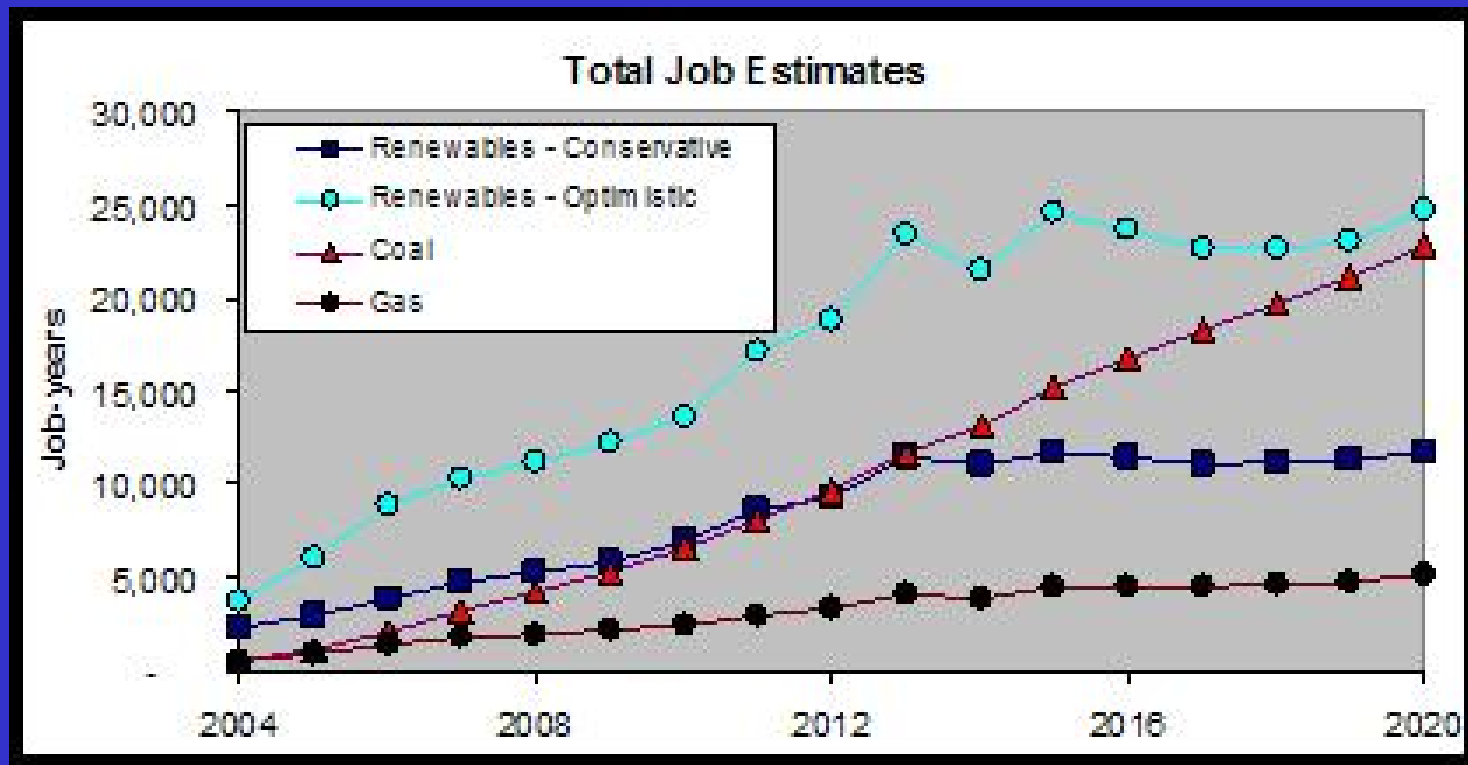
# Aggregated Cost of Coalition Recommendations through 2020

Program	Costs of Recommended Measures from 2005 to 2020 (\$MM, 2004 dollars)
WPPI Expansion to 4,000MW	803 – 205 (existing WPPI) = 598
Create GPPI	369
Green Power Procurement	90
Expanding the MIP through 2012	206
100,000 Solar Roofs Program	252
Resource Assessments	0.7
Canadian R&D Program	611
<b>TOTAL</b>	<b>2,127</b>
<b>Average Annual Cost</b>	<b>Approximately \$130</b>





# Total Job Estimates



- Can leverage the creation of 20,000 New Jobs by 2015



# Benefits

- **Creating a Whole New Industry for Canada**
- **Investment in Innovative and Sustainable Renewable Energy Technologies**
- **Diversification of Canada's Energy Supply**
- **Support for the New Industrial Revolution**
- **Made-In-Canada Manufacturing Facilities**
- **Regional Economic Development**
- **New Capital Investment and Job Creation**
- **Competitiveness**
- **Clean Air**
- **Reduced GHG Emissions**



# Conclusion

- **Green Power / Low-Impact Renewable Energy is not a 'Niche' source**
- **Great benefits to Canadian society and the environment**
- **The public is demanding cleaner, more sustainable power**
- **Making it happen requires a National Renewable Energy Strategy**



# Contact Information

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