



The Green Energy Act A New Paradigm for Ontario

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Fraser & Company

“Proud Member of the Green Energy Act Alliance”

Founders of the Green Energy Act Alliance

Ontario Sustainable Energy Association ♦ Community Power Fund ♦ Ontario Federation of Agriculture ♦ Environmental Defence
Pembina Institute ♦ First Nations Energy Alliance ♦ World Wildlife Fund ♦ Ivey Foundation ♦ David Suzuki Foundation

Founders: Green Energy Act Alliance



IVEY foundation



David Suzuki Foundation

What's our Message?

- ✓ Establish conservation and renewable energy as top priorities when procuring new supply
- ✓ Enable communities, First Nations, homeowners, and farmers to become energy producers
- ✓ Offer fair prices fixed over long term for renewable energy
- ✓ Guarantee that renewable energy can be sold on electricity grid to secure investment

The Premier and Minister's Announcements

- Eliminate barriers to renewable energy
- Make it easier to get wind turbines, solar panels and bio energies online and on grid
- Create a smarter grid that is more adaptable to renewable energy
- Strong Focus on Conservation



www.ontariogreenenergyact.ca

Why A Green Energy Act?

- ⊗ **Systemic Barriers** embedded in existing legislation, regulations, rules, processes, institutions
- ⊗ **Traditional mindsets (DOUGs)**
- ⊗ **Programs, like RESOP, weren't having desired impact**
 - MWs – falling short of targets
 - Lack of involvement of First Nations, Farmers, Community Power
 - Social, economic and environmental benefits ignored
- ⊗ **OPA narrow focus wrt conservation, procurement and process**

What is “Green Energy”?

- ✓ Conservation “First”
 - Cheapest kW is a saved kW
- ✓ Renewable Energy & Storage
 - ✓ Bio energies, solar, wind, geothermal
- ✓ Clean Distributed Energy
 - High efficiency waste heat recovery, district energy, CHP

Call to Action: Transformation

Make Ontario a global leader in clean, sustainable energy and conservation, creating thousands of jobs, economic prosperity, energy security and climate protection.

Enable all Ontarians to participate and benefit from green energy as conservers and generators, at the lowest cost to consumers.

How did we Get Here?

May - Changes to RESOP lead to Green Energy Act Alliance

June - World Wind Energy Conference 2008, Kingston

July - Minister's Tour of Europe

August - Minister's Trip to California

September

- Environmental Leaders meet with Premier
- Minister Smitherman Re-directs the OPA

How did we Get Here?

October - Alliance meet with Minister

November – “Gospel of Green”

December - Delivered Call to Action to MPPs

January – Delivered Proposal to Minister

February – Minister Smitherman tables Bill 150

March - Committee Hearings, Consultations



Conservation

The Act must support a culture of conservation by:

- Empowering consumers
- Providing financing
- Promoting energy efficiency and effectiveness
- Education
- Protecting energy intensive industries



Green Energy Procurement

- Grant priority purchase of power from green energy projects
- Principle procurement method:
 - Fair Long Term Fixed Pricing



Fair Long Term Fixed Pricing

- Guarantees sale of energy for guaranteed price/contract period
- Differentiate prices
 - Technology
 - Resource intensity
 - Project scale
 - Project location
- Reasonable rate of return
- Inflation protection

Fair Long Term Fixed Pricing

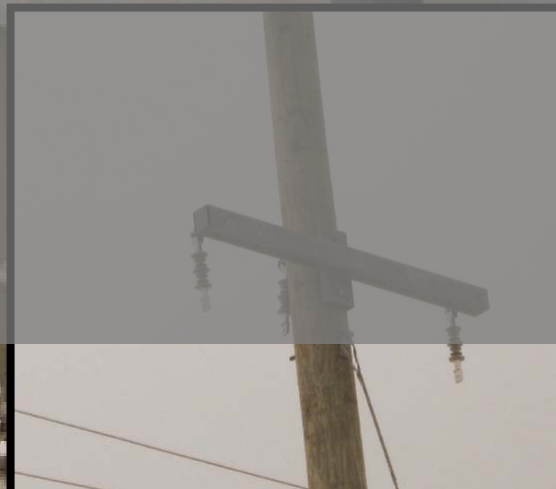
- Open and transparent process
- No cap on project/program size or voltage
- Creates a stable investment climate and jobs



Photo by W. Dahlstrom, 2009 – Kingston

Obligation to Connect

Obligation to Connect Green Energy Projects
Priority Grid Access for Green Energy
Recovery and Allocation of Costs



Community Power

- 5-10 times more benefits vs. traditional centralized models
- A portfolio approach to sustainable energy
- Local ownership:
 - Employment and economic development
 - Participation, influence and control
 - Social and environmental benefits

Other Components of the GEA

- Smart Grid
- Financing Green Energy
- Valuing Green Energy
- Engaging First Nations & Métis Communities
- Protecting Vulnerable Consumers
- Standardizing Regulatory Processes



Our Choice

- If not now, when?
- If not us, who?
- Participate in the Legislative Committee Hearings
- Make sure all Political Parties know that Communities can do it – it is not partisan

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**For more tools, tips and
resources, visit:**

www.ontario-sea.org

or

www.greenenergyact.ca

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**Thank you
Marion Fraser
ANY QUESTIONS?**

