

# Green Energy Act, Bill 150



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# Overview

- Bill 150: key objectives
- Nuts and bolts
- Cap and trade



# Key policy initiatives

- Commitment to conservation
- Priorities for renewables
  - feed in tariff
  - right to connect
  - streamlined approvals



# Nuts and Bolts

- *New Green Energy Act, 2009*
- Major amendments to eight statutes
- Minor amendments to seven statutes



# *Green Energy Act, 2009*

- Buyer's right to energy audit
- exemption from local land-use controls for designated goods/services, e.g. clotheslines
- designation of renewable energy projects
- energy conservation and to demand management plans



## GEA, cont.

- Energy conservation/ efficiency procurement rules, especially for public facilities
- energy conservation/ efficiency agreements
- renewable energy facilitator
- energy efficiency standards



# Major amendments to

- *Electricity Act 1998*
- *Ontario Energy Board Act 1998*
- *Environmental Protection Act*
- *Cooperative Corporations Act*
- *Building Code Act, 1992*
- *Planning Act*
- *Conservation Authorities Act*
- *Provincial Parks and Conservation Reserves Act, 2006*



# *Electricity Act*

- Power to direct OPA:
  - procurement
  - demand management
  - aboriginal communities
  - community groups
  - encourage renewables and transmission
  - compensate municipalities for direct costs





## *Electricity Act, cont.*

- feed in tariff, designed to guarantee renewable generators a profit
- classified by:
  - energy source
  - capacity
  - use
  - location



## *Electricity Act, cont.*

- Right to connect
  - subject to economic test
  - priority access for renewables
  - disclosure of transmission/distribution capacity
- new “smart grid” regulations
- *The \$10B transmission challenge*



# *Ontario Energy Board Act*

- OEB priorities: conservation, smart grid, renewables
- must comply with Minister directives
- transmission/conservation/storage costs to be added to the rate base
- rate protection for prescribed consumers
- distributors can generate renewable energy





## *Environmental Bill of Rights*

- Environmental Commissioner to monitor and report on energy conservation and greenhouse gas emissions
- ECO to have access to information





# *Environmental Protection Act*

- Renewable energy approvals
- projects exempt from most other local and provincial approvals
- limited appeal rights



# Siting

- will setbacks do it?
- urban v. rural projects
- def. of “environment”
- how will Approvals cope?
- approvals v. nuisance





# *Co-operative Corporations Act*

- Community co-ops
- Can sell to the grid



# *Building Code Act*

- Building Code review for energy conservation, every five years
- Advisory council





# *Planning Act*

- Renewable energy projects exempt from:
  - Policy statements
  - Provincial plans
  - OP and zoning
  - Demolition control
  - Development permit regs..



# *Planning Act*

- Renewable energy generation leases exempt from subdivision/ part lot control if shorter than 50 years





# *Conservation Authorities Act*

- CA must permit renewable energy projects in controlled areas, except if necessary to control:
  - pollution
  - Flooding
  - Erosion
  - Dynamic beaches





# *Provincial Parks and Conservation Reserves Act, 2006*

- Can generate electricity in parks / reserves to serve off-grid communities



## Minor amendments to:

- *Clean Water Act, 2006*
- *Environmental Bill of Rights, 1993*
- *Ontario Water Resources Act*
- *Minister of Natural Resources Act*
- *Ministry of Energy Act*
- *Niagara Escarpment Planning and Development Act*
- *Public Lands Act*



# Plus Cap and Trade

- *Greenhouse Gas Emissions Trading Act*
- Definitions and powers, no content yet
- Western Climate Initiative
- Discussion document



Thank you!!

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