

# BIOMASS



## Update on Sustainability Criteria for Ontario Power Generation's Biomass Program

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April 09, 2010

ONTARIO **POWER**  
GENERATION

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## Sustainable Fuel Supply – Wood Pellets

Fuel must meet the UNFCCC definition of renewable biomass

...“ biomass is originating from land areas that are forests where:

(a) The land area remains a forest; and

(b) Sustainable management practices are undertaken on these land areas to ensure, in particular, that the level of carbon stocks on these land areas does not systematically decrease over time (carbon stocks may temporarily decrease due to harvesting); and

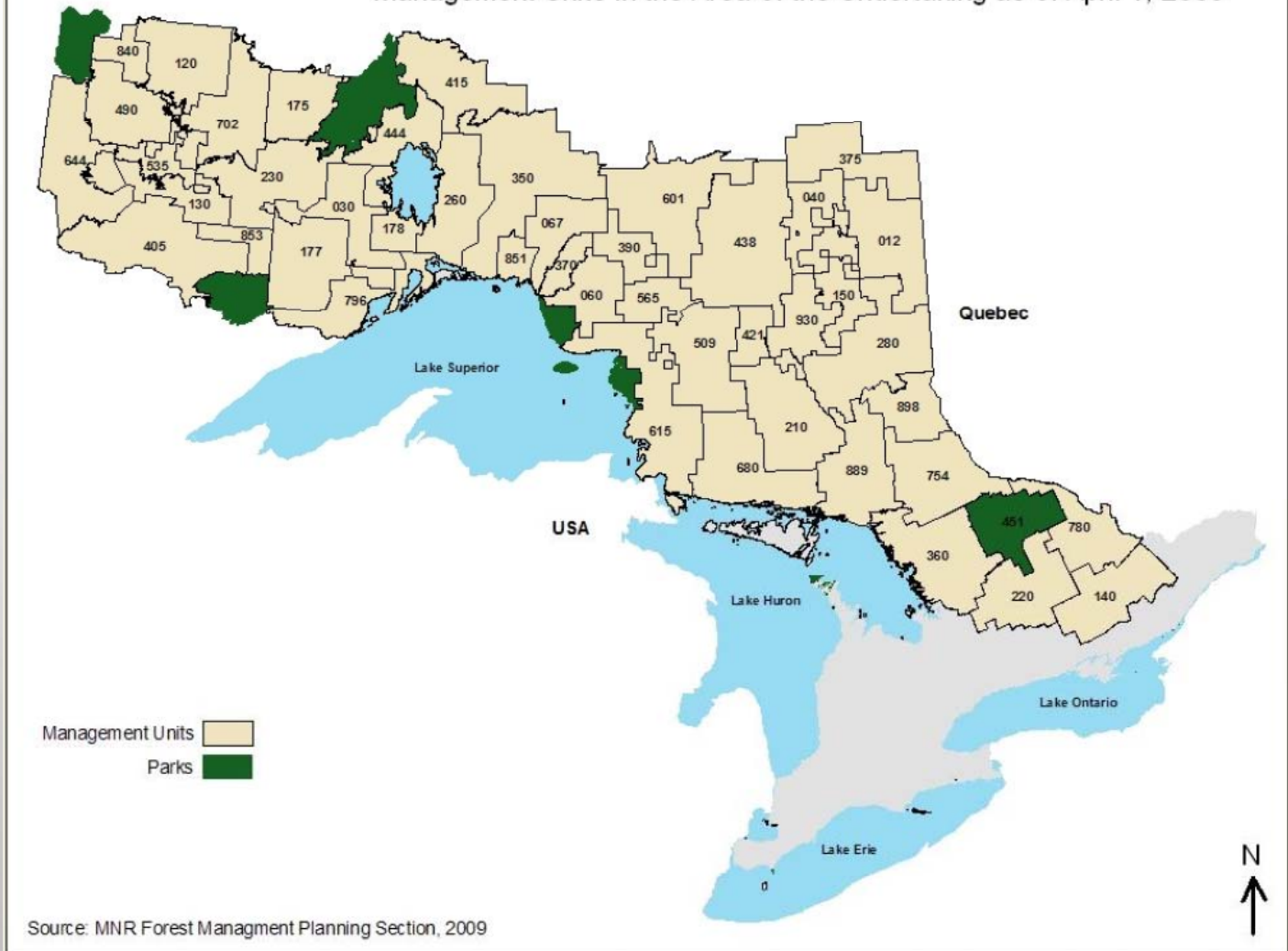
(c) Any national or regional forestry and nature conservation regulations are complied with.”

[http://cdm.unfccc.int/EB/023/eb23\\_repan18.pdf](http://cdm.unfccc.int/EB/023/eb23_repan18.pdf)

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Management Units in the Area of the Undertaking as of April 1, 2009



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## Sustainable Fuel Supply – Wood Pellets

- Wood pellet suppliers must have third-party chain of custody certification demonstrating that the wood fibre is sourced from well managed forests.



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## Sustainable Fuel Supply – Agricultural biomass

Fuel must meet the UNFCCC definition of renewable biomass

...“ *the (woody or non-woody) biomass is originating from croplands and/or grasslands where:*

- (a) *The land area remains croplands and/or grasslands or is reverted to forest; and*
- (b) *Sustainable management practices are undertaken on these land areas to ensure, in particular, that the level of carbon stocks on these land areas does not systematically decrease over time (carbon stocks may temporarily decrease due to harvesting); and*
- (c) *Any national or regional forestry , agriculture and nature conservation regulations are complied with.”*

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## Sustainable Fuel Supply – Agricultural biomass (cont'd)

Fuel must meet the UNFCCC definition of renewable biomass.....

...“ *the biomass is a biomass residue and the use of that biomass....does not involve the decrease of carbon pools in particular dead wood, litter or soil organic carbon, on the land areas where the biomass residue is originating from.*

[http://cdm.unfccc.int/EB/023/eb23\\_repan18.pdf](http://cdm.unfccc.int/EB/023/eb23_repan18.pdf)

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## Transnational Organizations

- UN
  - UN-Energy
  - UN Environment Programme
  - Global Bioenergy Partnership
- IEA Bioenergy
- Roundtable on Sustainable Biofuels
- International Risk Governance Council
- European Union

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## National Governments

- UK
- The Netherlands
- Germany
- US
- Brazil
- New Zealand
- Asia (Japan, China, India, Philippines, Thailand, Indonesia, Malaysia)

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Français

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Advanced Search  GO

#### In This Section

- [Agricultural Land Use Planning](#)
- [Air](#)
- [Current Topics](#)
- [Climate Change](#)
- [Events](#)
- [Green Energy](#)
- [Species at Risk](#)
- [Drainage](#)
- [Energy Conservation and Generation](#)
- [Engineering](#)
- [Normal Farm Practices](#)
- [Nutrient Management](#)
- [Soils](#)
- [Water](#)

#### Topics

- [Agriculture](#)
- [Food](#)
- [Rural](#)
- [Research & Innovation](#)

## Canada-Ontario Environmental Farm Plan

### Canada-Ontario Environmental Farm Plan Program Update:

**All cost-share funds for program year two (2010-11) of the Canada-Ontario Farm Stewardship Program have now been fully committed.** As a result, the Ontario Soil and Crop Improvement Association is no longer accepting 2010 Project Proposal Application forms. Please contact the local [Ontario Soil and Crop Improvement Association Program Representative](#) in your area for more details.

For more detailed information on the COFSP program, please visit [www.ontariosoilcrop.org](http://www.ontariosoilcrop.org).

For information on other Growing Forward programs, please visit [www.ontario.ca/growingforward](http://www.ontario.ca/growingforward) or call 1-888-479-3931.

**A Voluntary Environmental Education and Awareness Program  
delivered by the Ontario Farm Environmental Coalition**

#### Table of Contents

- [1. Introduction](#)
- [2. How You Can Get Involved](#)
- [3. The Workbook](#)
- [4. Infosheets](#)
- [5. State of the Lakes Ecosystem Conference Award 2000](#)

#### Introduction



<http://www.omafra.gov.on.ca/english/environment/efp/efp.htm>

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## Environmental Farm Plan

- Relevant to Ontario Context
- Developed by and accepted within the Ontario agricultural sector
- Already in-place and being used

With some review and modification, it could provide similar assurance to forest product certification