

## BiPole III Comment Letter References and Materials

### **Links Identified as Relevant to contents of Manitoba Wildlands comments re bi pole III scoping document, March 2010.**

*\*\* Quote or Reference Inside Comments Letter.*

\*\*International Standards Organization - ISO standards

[http://www.lsd.lt/typo\\_new/fileadmin/Failai/N172\\_ISO\\_DIS\\_26000\\_E\\_.pdf](http://www.lsd.lt/typo_new/fileadmin/Failai/N172_ISO_DIS_26000_E_.pdf)

High Voltage Direct Current (HVDC) Transmission Systems Technology Review Paper

[http://www2.internetcad.com/pub/energy/technology\\_abb.pdf](http://www2.internetcad.com/pub/energy/technology_abb.pdf)

\*\*Guide to Risk Assessments and Public Health Assessments

[http://www.eoearth.org/article/Guide\\_to\\_Risk\\_Assessments\\_and\\_Public\\_Health\\_Assessments](http://www.eoearth.org/article/Guide_to_Risk_Assessments_and_Public_Health_Assessments)

Life cycle assessment

[http://www.eoearth.org/article/Life\\_cycle\\_assessment](http://www.eoearth.org/article/Life_cycle_assessment)

Restructured Rivers: Hydropower in the Era of Competitive Markets

[http://www.centrehelios.org/en/Studies\\_and\\_Reports\\_by\\_Philip\\_Raphals](http://www.centrehelios.org/en/Studies_and_Reports_by_Philip_Raphals)

Market-Based Transmission Expansion Planning

<http://motor.ece.iit.edu/papers/01350848.pdf>

\*\*International Association for Impact Assessment

<http://www.iaia.org/publications/>

Social Problems, Community Trauma and Hydro Project Impacts

<http://www2.brandonu.ca/Library/cjns/15.2/loney.pdf>

Electrical power systems quality

<http://books.google.ca/books?hl=en&lr=&id=Y4IvvSJq1bMC&oi=fnd&pg=PA1&dq=Building+DC+Electric+Transmission+Systems+&ots=44sVcG9pQw&sig=-xdNPMwoAljyjZmS5KSC1tHPvM4#v=onepage&q=&f=false>

Wuskwatim Transmission and Generation Station Archives: Presenters / Presentations

[http://www.energymanitoba.org/wusk\\_archives/presenters.htm](http://www.energymanitoba.org/wusk_archives/presenters.htm)

A Compendium of Electric Reliability Frameworks Across Canada

<http://www.neb.gc.ca/clf-nsi/rnrgynfmitn/nrgyrprt/lctrcy/cmpndmlctrcribltycnd2004-eng.pdf>

Mid-Continent Area Power Pool Website Links and Pages

<http://www.mapp.org/DesktopDefault.aspx>

Reliability Performance Project: Manitoba Hydro and SASK Power both inside doc

<http://www.mapp.org/ReturnBinary.aspx?Params=584e5b5f4558560000000253>

Transmission and Distribution World

[http://tdworld.com/news/power\\_minnesota\\_power\\_joins/](http://tdworld.com/news/power_minnesota_power_joins/)

Midwest ISO's system Planning Reserve 2010/2011 Margin

[http://www.midwestmarket.org/publish/Document/4dfde8\\_124a04ca493\\_-7f5f0a48324a/Planning%20Year%202010%20Findings\\_final.pdf?action=download&\\_property=Attachment](http://www.midwestmarket.org/publish/Document/4dfde8_124a04ca493_-7f5f0a48324a/Planning%20Year%202010%20Findings_final.pdf?action=download&_property=Attachment)

Midwest Independent System Operator: 2009 Long-Term Assessment Reliability Report

[http://www.midwestmarket.org/publish/Document/2c2ca5\\_12511ba6cdc\\_-7fab0a48324a/2009%20Long-Term%20Assessment%209-02-09.pdf?action=download&\\_property=Attachment](http://www.midwestmarket.org/publish/Document/2c2ca5_12511ba6cdc_-7fab0a48324a/2009%20Long-Term%20Assessment%209-02-09.pdf?action=download&_property=Attachment)

Midwest Independent Transmission System Operator 2009-2010 Winter Reliability Assessment Midwest ISO Market Footprint

[http://www.midwestmarket.org/publish/Document/2c2ca5\\_12511ba6cdc\\_-7fbc0a48324a/2009-2010%20Winter%20Assessment\\_FINAL\\_v3.pdf?action=download&\\_property=Attachment](http://www.midwestmarket.org/publish/Document/2c2ca5_12511ba6cdc_-7fbc0a48324a/2009-2010%20Winter%20Assessment_FINAL_v3.pdf?action=download&_property=Attachment)

Department of Energy US - reporting requirements via Mid-Continent Area Power Pool and MISO

[http://www.midwestmarket.org/publish/Document/66d196\\_115dc8fa4a2\\_-7e9c0a48324a/EIA%20411%20definitions.pdf?action=download&\\_property=Attachment](http://www.midwestmarket.org/publish/Document/66d196_115dc8fa4a2_-7e9c0a48324a/EIA%20411%20definitions.pdf?action=download&_property=Attachment)

\*\*Planning Standards MISO

[http://www.midwestmarket.org/publish/Document/6b6059\\_1239ec7b046\\_-7fd90a48324a](http://www.midwestmarket.org/publish/Document/6b6059_1239ec7b046_-7fd90a48324a)

<http://www.midwestmarket.org/page/Expansion%20Planning>

Contains various MISO transmission planning and transmission expansion manuals, and protocols

\*\*International Organization of Standards: Guidance on Social Responsibility

[http://isotc.iso.org/livelink/livelink/fetch/-8929321/8929339/8929348/3935837/ISO\\_DIS\\_26000\\_Guidance\\_on\\_Social\\_Responsibility.pdf?nodeid=8385026&vernum=-2](http://isotc.iso.org/livelink/livelink/fetch/-8929321/8929339/8929348/3935837/ISO_DIS_26000_Guidance_on_Social_Responsibility.pdf?nodeid=8385026&vernum=-2)

\*\*Australian Government. Department of Environmental Assessment

<http://www.environment.gov.au/epbc/assessments/index.html>

(contains one perspective and process for strategic assessments )

\*\*The Ceres Roadmap for Sustainability

<http://www.ceres.org/ceresroadmap>

Considering Aboriginal traditional knowledge in environmental assessments conducted under the *Canadian Environmental Assessment Act -- Interim Principles*

<http://www.ceaa.gc.ca/default.asp?lang=En&n=4A795E76-1>

### **PDF References and Materials Used for Manitoba Wildlands Comments Re bi pole III March 2010**

\*\*Overview of Transmission Lines Above 700 kV

Raymond Lings, July 2005

Guidelines for Development Near Overhead Transmission Lines in BC

BC Hydro

\*\*Treatment of biodiversity issues in impact assessment of electricity power transmission lines: A Finnish case review.

Soderman. 2006.

Multi-Jurisdictional Environmental Impact Assessment: Canadian Experiences

Fitzpatrick and Sinclair, 2008.

\*\*A Reference Guide for the Canadian Environmental Assessment Act: Addressing Cumulative Effects by the Federal Environmental Assessment Review Office. 1994.

\*\*Canadian Environmental Assessment Act: An Overview by Canadian Environmental Assessment Agency

Executive Summary on Energy Efficiency by the International Energy Agency

Transmission investment and expansion planning in a restructured electricity market  
by F.F Wu, F.L. Zheng and F.S. Wen

Guide to Environmental Assessment Requirements for Electricity Projects by Ministry of the  
Environment Environmental Assessment and Approvals Branch

\*\*Guide for Social Responsibility by International Organization for Standardization (ISO).

High Voltage Direct Current (HVDC) Transmission Systems Technology Review Paper

\*\*Principles of Environmental Impact Assessment Best Practice by the International  
Association for Impact Assessment (IAIA) 1996.

Biodiversity in Impact Assessment by the International Association for Impact Assessment  
(IAIA) . 2005

Class Environmental Assessment For Minor Transmission Facilities Pursuant to the  
Environmental Assessment Act, Ontario, Canada

2009 Long-Term Assessment Reliability Report Midwest Independent System Operator

Overview of Transmission Lines Above 700 kV  
Raymond Lings

Environmental Assessment in Canada: Encouraging decisions for sustainability  
by A. J. Sinclair and M. Doelle

Conceptualizing learning for sustainability through environmental assessment: Critical  
reflection on 15 years of research by A. J. Sinclair, A. Diduck and P. Fitzpatrick

Framework for the Transmission Lines Standard by Alberta Electric System Operator

\*\*Ontario Energy Board Transmission System Code. October, 2009.

Market-Based Transmission Expansion Planning by M. O. Buygi, G. Balzer, H. M. Shanechi,  
and M. Shahidehpour

\*\*Manitoba Wildlands Lands and Waters Policies 1999-2009

\*\*Questionnaire Checklist for Cumulative Impacts  
by L. W. Canter and J. Kamath, 1995.



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Climate Change and Infrastructure Engineering: Moving Towards a New Curriculum By the Canadian Standards Association. October 2007.

\*\*Manitoba Wildlands Analysis of Recommendations - Report on Public Hearings - Wuskwatim Generation and Transmission Projects