

**SCOPE OF WORK FOR MNP
NFAT REVIEW
LAST UPDATED: SEPTEMBER 20, 2013**

MNP

Macro Environmental Issues

1. Perform a critical analysis of the macro environmental impacts and benefits of Manitoba Hydro's Preferred Development Plan and alternative Plans, specifically, the collective macro-economic consequences of changes to air, water, flora and fauna, including the potential significance of these changes, their equitable distribution within and between present and future generations.
2. Review Manitoba Hydro's NFAT filing with a focus on macro-environmental factors that could impact the economics of the project and alternate scenarios, including:
 - (a) Direct greenhouse gas emissions;
 - (b) Indirect greenhouse gas emissions;
 - (c) Global impacts of projects (including Bipole III);
 - (d) MISO wind energy expansion; and
 - (e) MISO energy mix shift away from coal.
3. Review Manitoba Hydro's NFAT filings with respect to the need and cost for a sturgeon fishway at either Keeyask G.S. or Conawapa G.S.
4. Review Manitoba Hydro's NFAT filings with respect to the Lake Winnipeg and Upper Nelson River Water Regime change and the potential mitigation costs to the NFAT projects.
5. Review the potential global warming impacts on water supply/river flows/lake and reservoir evaporation.
6. Upon prior approval by the NFAT Panel, address any other issues that may be identified in reviewing Manitoba Hydro's evidence or are requested by the NFAT Panel.