

Progress in New Brunswick



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Why pursue Renewable Energy in NB?

- Major role in Self-Sufficiency agenda
- Economic development and diversification
- Security of supply
- Vast natural resources
- Reduced volatility of electricity prices
- Environmental Benefits
- Export Opportunities



Tidal Energy in New Brunswick

Supporting Development Through Research

- Electric Power Research Institute Study
 - 8 sites identified in NB
- Characterization of Head Harbour Passage
 - Huntsman Marine Science Centre
- Additional Resource Assessment
 - National Research Council
- Technology and R&D Assessment
 - NRCan lead

NB Strategic Environmental Assessment

- Jacques Whitford Background Report
 - Cooperation with Nova Scotia through the OEER
- Open House Events/Public Input
 - Bay of Fundy Ecosystem Partnership
 - 7 Events along the Bay of Fundy
 - Open forum for discussion
- Final Report and Government Response
 - Received final report from BoFEP
 - Delivered response in March 2009

NB SEA Response

- Joint response from Energy, Natural Resources and Environment.
- Consulted with Fisheries and Agriculture and Aquaculture.
- Generally committed to:
 - Working with current industries and users in the areas being researched;
 - Developing the industry in a sustainable and incremental manor that benefits all New Brunswickers;
 - Developing effective communication of research and developmental activities for current users and interested parties;
 - Respecting the sensitive nature of the Bay of Fundy while pursuing opportunities for tidal energy;
 - Working collaboratively with provincial and state neighbours.

Natural Resources Allocation Policy

- Interim policy in support of research allocated 11 sites through an RFP process;
- DNR is working on a policy for submerged land allocation;
- New policy will consider incremental development approach to monitor potential impacts;
- Commitment by the Premier that it will be completed this year;
- Challenges of potential unknown impacts may delay completion this year.

Additional supportive work

- Participate in the South-West Bay of Fundy Marine Resources Planning Initiative;
- Co-Funded monitoring technology research conducted by DFO, with support from HMSC;
- Technology Information Session for Stakeholders
 - International speakers
 - Free for participants
 - October 2008

Moving Forward with Renewable Energy

- Regulatory Guidebook in development;
- Small-scale hydro assessment;
- Biomass feasibility study;
- RPS review and evaluation of increases;
 - Currently, 10% additional by 2016
 - Approx. 33% renewable by 2016
 - 400MW of wind
- Community energy model;
- Embedded Generation pricing;
 - 9.445 cents/kWh



Thank You

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