



Alberta Energy Futures Project

INTRODUCTION

The Institute for Sustainable Energy, Environment and Economy (ISEEE), with funding from the Alberta Department of Energy, commissioned a suite of papers on a broad range of topics focused on Alberta under various energy and environment options and scenarios. This initiative was designed to focus and inform debate and choices concerning the goal of secure competitive energy supplies for expanding markets, a clean and healthy environment and a strong economy.

The resulting series of research papers focuses on Alberta's energy futures. The intent is to take a longer-term look at the challenges, opportunities and choices and what they mean for Alberta's future.

In May 2006, at a one-day seminar, each author or co-author was asked to present a summary of the results or conclusions of these papers. In smaller sub-groups of the whole, discussion among authors was encouraged, and a summation of the outcomes was prepared by an independent consultant.

In November 2006, at a one-day symposium, an expert was commissioned to synthesize and link the comment set of themes in the majority of individual papers. A small subset of the authors was invited to use the results of their papers as the framework to address a "panel question" posed by a moderator in three different areas that are strategic to Alberta's energy future. Each author addressed the question in a formal presentation, which was then followed by a similar presentation from an invited 'external' discussant (e.g. from the industry, government or NGO sectors or another research organization). The full panel then was invited to answer questions from the audience. As with the seminar in May, a summation of the outcomes was prepared by an independent consultant.

ISEEE is pleased to publish the submitted Energy Futures papers as "working papers" on its website. While not developed to journal standards, each manuscript has been reviewed by the ISEEE Fellows group to ensure consistent quality.

Our intent, in publishing the papers on the website, is to make all the work commissioned available to the public, ISEEE partners and stakeholders, and to academic and other colleagues working in similar areas, for their review and suggestions. We plan to publish the final papers in a compendium, prepared and edited by an expert, which will be made available to the public.

We welcome your comments and suggestions. Please email them to Mark Lowey, ISEEE Communications Director, at: mlowey@ucalgary.ca

ABOUT ISEEE

The Institute for Sustainable Energy, Environment and Economy (ISEEE) is a not-for-profit institute at the University of Calgary. It is an initiative of the President of the U of C, formed in 2003 and guided by a Leadership Board consisting of:

- **Robert Church**, Chair Emeritus, Alberta Science and Research Authority (ASRA)
- **Elizabeth Dowdeswell**, Chair of Council of Canadian Academies and former President, Nuclear Waste Management Organization (NWMO)
- **Charlie Fischer**, President & CEO, Nexen Inc.
- **James Gray**, Chair of Canada West Foundation
- **Robert Mansell**, Advisor to the President on E&E and Managing Director of ISEEE
- **Granger Morgan**, Head, Dept. of Engineering and Public Policy, Carnegie Mellon University
- **Gwyn Morgan**, Director, HSBC Bank Canada (past Vice-Chairman, EnCana Corp.)
- **Neil McCrank**, Chairman, Alberta Energy and Utilities Board
- **Harvey Weingarten**, President and Vice-Provost University of Calgary

ISEEE's Mission: *Investing in collaborative, multidisciplinary and mission-oriented research, education and innovation for secure competitive energy, a clean environment and a strong economy.*

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The analysis, views and conclusions expressed in this project and series of research papers are those of the authors alone and should not be interpreted as reflecting in any way those of the Alberta Department of Energy or other sponsors of ISEEE.