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## BACKGROUND

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Ministry of Energy, Mines and Petroleum Resources

### ALTERNATIVE ENERGY

The BC Energy Plan: A Vision for Clean Energy Leadership puts British Columbia at the forefront of environmental and economic leadership in our energy policies. The Plan outlines the steps required for all stakeholders – including industry experts, environmental agencies and the people of British Columbia – to develop realistic and achievable goals for conservation, energy efficiency and clean energy.

#### Highlights

- Establish a new Innovative Clean Energy Fund of \$25 million to support the development of clean energy and energy efficient technologies in electricity, alternative energy, transportation and oil and gas sectors. The fund will support projects that:
  - Address specific British Columbia energy and environmental problems that have been identified by government.
  - Showcase B.C. technologies that have a strong potential for international market demand.
  - Feature pre-commercial energy technology that is new, or commercial technology not currently used in B.C.
- Implement the soon-to-be-released BC Bioenergy Strategy to take full advantage of B.C.'s abundant sources of biomass and renewable energy. The strategy is aimed at:
  - Enhancing British Columbia's ability to become electricity self-sufficient
  - Fostering the development of a sustainable bioenergy sector including creating power from pine-beetle timber
  - Creating new jobs
  - Supporting improvements in air quality
  - Encouraging diversity in the forestry and agriculture sectors
- Invest \$89 million in the world's first fleet of 20 hydrogen fuel cell buses and refueling infrastructure through a federal-provincial partnership.
- Develop a leading hydrogen economy by continuing to support the Hydrogen and Fuel Cell Strategy for British Columbia. The vision of the Province's hydrogen and fuel cell strategy is to:
  - Promote a sustainable energy future
  - Increase energy efficiency
  - Reduce air pollutants and greenhouse gases
- Implement a five per cent average renewable fuel standard for diesel by 2010 to help reduce emissions and advance the domestic renewable fuel industry.
  - Support the federal action of increasing the ethanol content of gasoline to five per cent by 2010

- Support cross-government initiatives that support transportation demand management, reducing traffic congestion and better integrating land use and transportation planning. Key initiatives include:
  - Extending the tax break on hybrid vehicle purchases to March 2011
  - Purchasing only hybrid passenger vehicles for the government fleet
  - Adopting California's tailpipe emission standards for greenhouse gas emissions
  - Implementing the LocalMotion program for capital projects which include expanding rapid transit, building cycling and pedestrian pathways and reducing air pollution

For more information or a copy of The BC Energy Plan: A Vision for Clean Energy Leadership, visit <http://energyplan.gov.bc.ca> on the Internet.

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