



# *Pacific NorthWest Economic Region*

## SUMMIT PROGRAM

# 20th Annual Summit



*An Energized Outlook  
Leading the Way*

JULY 16-20, 2010 - CALGARY, ALBERTA



Premier of Alberta

Office of the Premier  
Legislature Building  
Edmonton, Alberta  
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## Message from Honourable Ed Stelmach Premier of Alberta

*On behalf of the Government of Alberta, it is my pleasure to welcome you to the Province of Alberta and to Calgary for the 2010 Pacific North West Economic Region (PNWER) Annual Summit.*

*Calgary is a great place to celebrate PNWER's 20th anniversary, and the timing of this year's summit gives delegates the chance to take part in the final weekend of the Greatest Outdoor Show on Earth, the Calgary Stampede. During the Stampede, you will find opportunities to experience the energy, culture and vitality of this great city everywhere you look.*

*The PNWER Annual Summit provides a forum for forging closer economic relations and better understanding between the states, provinces and territories in what is surely one of the most beautiful and productive regions of North America. Over the coming few days, you will have numerous opportunities to explore key issues and best practices with legislators, business leaders and policy experts. Collaborating on common challenges and advantages will allow us to build a stronger regional presence in the competitive international arena.*

*While you are with us, I would encourage you to explore the diversity of Alberta. I am confident that the spectacular scenery and warm western hospitality will entice you to return.*

*Best wishes to all for a successful and productive Annual Summit.*

Ed Stelmach

*July 16-20, 2010*

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21st Annual Summit: Portland, Oregon

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**2010 Summit Host Committee**

Tammy Andric <i>Tourism Calgary</i>	<b>Linda Lee</b> <i>TransCanada Corporation</i>
<b>Barb Arnau</b> <i>Government of Alberta</i>	Lorne MacKenzie <i>Westjet</i>
Krista Breau <i>Shell Canada</i>	Marcy McAuley <i>TransAlta</i>
Ben Brunnen <i>Calgary Chamber Of Commerce</i>	John Merrifield <i>SAP Canada Inc.</i>
Karen Chown <i>Calgary Economic Development</i>	<b>Lois Mitchell</b> <i>Co-chair, PNWER 2010 Summit</i>
Leigh Clarke <i>Altalink Management</i>	Daniel Ouimet <i>Denali Pipeline</i>
James Cleland <i>Alberta Economic Development Authority</i>	<b>Jessica Powless</b> <i>Legislative Assembly of Alberta</i>
<b>Derek Coke-Kerr</b> <i>Tourism Marketing Consultant</i>	Brittney Price <i>Nexen Inc.</i>
<b>Alana DeLong</b> <i>Co-chair, PNWER 2010 Summit; Legislative Assembly of Alberta</i>	<b>Marie Rajic</b> <i>TransCanada Corporation</i>
<b>Sherri DiVincentis</b> <i>Tourism Calgary</i>	Chet Reynolds <i>NOVA Chemicals</i>
Judy Eng-Hum <i>Alberta Economic Development Authority</i>	Heather Shewchuk <i>Government of Alberta</i>
Hon. Iris Evans <i>Minister of International and Intergovernmental Relations</i>	Tracy Sletto <i>Western Economic Diversification Canada</i>
Kyle Fawcett, <i>MLA, Alberta</i>	Murray Smith <i>Murray D Smith &amp; Associates</i>
Andy Galarnyk <i>Kinder Morgan</i>	Monte Solberg <i>Fleishman Hillard</i>
George Groeneveld, <i>MLA Alberta</i>	John Sparks <i>Fleishman Hillard</i>
Scott Hierath <i>Enbridge Inc.</i>	Gayle St. Croix <i>CNRL</i>
Teresa Jackson <i>Canadian Association Of Petroleum Producers</i>	Julia Stickel <i>Van Horne Institute</i>
<b>Randy Kerr</b> <i>ConocoPhillips</i>	Ian Todd <i>ENMAX</i>
David Kettles <i>Government of Alberta</i>	Peter Wallis <i>Van Horne Institute</i>
	<b>BOLD</b> = Steering Committee Member

**Welcome!**

**From the Host Committee Co-chairs:**

No city typifies “an energized outlook” more than Calgary, Alberta. By participating in PNWER’s 20th Annual Summit in our city – Canada’s Energy Capital – you are joining leaders from the region’s private, academic and government sectors for five days of discussion, collaboration and networking. Our goal is to create an atmosphere that removes borders, enables conversation and spurs action.



Lois Mitchell  
Host Committee  
Co-chair

This year’s program will engage participants in discussion of a wide range of globally-significant topics, including, the environment, energy, agriculture, trade and economic development, transportation, disaster resilience, and other issues that transcend state, provincial and international borders.



Alana DeLong  
Host Committee  
Co-chair

Conference organizers have lined up leading edge presenters and key-note speakers to challenge you to develop innovative solutions to regional issues. While the conference agenda is extensive, we also want you to learn about best practices through a selection of policy tours that highlight Alberta’s leading-edge work in energy, technology, agriculture and transportation.

You’ll work hard, but we haven’t forgotten the role fun plays in networking and learning experiences. Calgary puts out the welcome mat all year long, but especially for ten days every July, when rodeos, pancake breakfasts and spontaneous parties take over throughout the city. Whether you elect to join folks from around the world at the Stampede grounds, or merely engage in the city-wide welcoming atmosphere, we guarantee a big smile, and a friendly, enjoyable stay in our city.

On behalf of the Host Committee and our legion of volunteers, welcome to Calgary, Alberta, and thanks for coming!



Alberta

# Alberta welcomes PNWER delegates

As this year's host province, we wish you a productive summit and a wonderful stay in Calgary.

Enjoy your visit to Alberta – the province where we have the freedom to create and the spirit to achieve.

**Government of Alberta**

letter from the president



Senator  
Lesil McGuire,  
*President*  
Alaska



Honourable  
Mel Knight,  
*Vice President*  
Alberta



Representative  
Mike Schaufler,  
*Vice President*  
Oregon



Michael  
Chisholm, MLA,  
*Vice President*  
Saskatchewan



John van Dongen  
MLA,  
*Immediate Past  
President*  
British Columbia



Representative  
George Eskridge  
*Past President*  
Idaho

*State/Provincial leads of  
Executive Board*

*Alaska*

**Senator Fred Dyson**  
Senator Lesil McGuire

*Alberta*

George Groeneveld, MLA  
**Honourable Rob Renner**  
**David Coutts, MLA (Ret.)**

*British Columbia*

Honourable Naomi Yamamoto  
**Honourable Barry Penner**  
**John van Dongen, MLA**

*Idaho*

**Representative Max Black**  
Representative George Eskridge

*Montana*

Senator Kim Gillan

*Northwest Territories*

Honourable Bob McLeod

*Saskatchewan*

Michael Chisholm, MLA

*Washington*

**Representative Glenn  
Anderson**  
**Senator Alan Bluechel (Ret.)**  
Representative Jeff Morris

*Yukon*

**Honourable Jim Kenyon**

*Private Sector Representatives:*

Neil Windsor, APEGGA  
Canada Co-chair

Jan Romerdahl, US Bank  
US Co-chair

**BOLD** = Past PNWER President

**Delegate Council**

Alaska

Governor Sean Parnell  
Sen. Fred Dyson  
Sen. Charlie Huggins  
**Sen. Lesil McGuire**  
Sen. Tom Wagoner  
Sen. Anna Fairclough  
Rep. Bryce Edgmon  
Rep. Lindsey Holmes  
Rep. Peggy Wilson

Alberta

Premier Ed Stelmach  
Alana DeLong, MLA  
Kyle Fawcett, MLA  
**Hon. Mel Knight**  
Richard Marz, MLA  
**George Groeneveld, MLA**

British Columbia

Premier Gordon Campbell  
**Hon. Naomi Yamamoto**  
John van Dongen, MLA  
Joh Rustad, MLA  
Guy Gentner, MLA

Idaho

Governor C. L. "Butch" Otter  
Sen. John Goedde  
Sen. Kate Kelly  
Sen. Monty Pearce  
Sen. Elliot Werk  
**Rep. George Eskridge**  
Rep. Mary Lou Shepherd  
Rep. Elaine Smith  
Rep. John "Bert" Stevenson

Montana

Governor Brian Schweitzer  
**Sen. Kim Gillan**  
Sen. Ryan Zinke  
Rep. Gerald Bennett  
Rep. Wanda Grinde

Northwest Territories

Premier Floyd Roland  
**Hon. Bob McLeod**  
David Ramsay, MLA

Oregon

Governor Ted Kulongoski  
Sen. Fred Girod

Sen. Rod Monroe  
Sen. David Nelson  
Sen. Doug Whitsett  
Rep. Paul Holvey  
**Rep. Mike Schaufler**

Saskatchewan

Premier Brad Wall  
**Michael Chisholm, MLA**  
Hon. Bill Boyd  
Dustin Duncan, MLA

Washington

Governor Chris Gregoire  
Sen. Paull Shin  
Sen. Jim Honeyford  
**Rep. Glenn Anderson**  
Rep. Maralyn Chase  
Rep. Bruce Chandler  
Rep. Bob Hasegawa

Yukon

Premier Dennis Fentie  
Glen Hart, MLA  
**Hon. Jim Kenyon**  
Steve Nordick, MLA  
**BOLD** = State/Provincial Lead

**Private Sector Council**

Canada Co-chair:

Neil Windsor, APEGGA

US Co-chair:

Jan Romerdahl, US Bank

Alaska

Bruce Carr, Alaska Railroad  
Ken Freeman, ExxonMobil  
Paul Quesnel, BP

Alberta

Neil Windsor, APEGGA  
Marie Rajic, TransCanada  
Tim Boston, EPCOR  
Duane Lyons, AltaLink

British Columbia

Don Dalik, FaskenMartineau

Greg Thomas,  
PriceWaterhouse-Coopers  
Sarah McCullough, Spectra  
Energy Transmission  
Jock Finlayson, Business  
Council of BC  
Colin Smith, APEG-BC

Idaho

Roy Eiguren, Eiguren Public  
Law & Policy  
Neil Colwell, Avista  
Evan Hayes, Idaho Grain  
Producers  
Gary Fuhriman, Idaho Farm  
Bureau Federation

Montana

Haley Beaudry, Columbia  
Falls Aluminum Co.

Oregon

Scott Farris, TransCanada  
Pipelines  
James Baumgartner, Black  
Helterline, LLP

Washington

Jan Romerdahl, US Bank  
William Kidd, BP  
Ken Johnson, Puget Sound  
Energy  
Jerry Cochran, Microsoft  
Bill Struyk, Johnson and  
Johnson

Yukon

Don Pumphrey, NorthwesTel

## PNWER is the preeminent bi-national regional advocate for state and provincial regional issues.

The Pacific North West Economic Region (PNWER) is a public-private partnership chartered by the states of Alaska, Idaho, Montana, Oregon, and Washington; the western Canadian provinces of Alberta, British Columbia, and Saskatchewan; and Yukon and Northwest Territories. PNWER is dedicated to encouraging global economic competitiveness and preserving our world-class natural environment. PNWER is recognized by both the United States and Canada as the “model” for regional and bi-national cooperation because of its proven success. PNWER is a respected voice and resource for our region. It provides the public and private sectors a cross-border forum for unfiltered dialogue that capitalizes upon the synergies between business leaders and elected officials working to advance the region’s global competitiveness.



US Ambassador to Canada David Jacobson, Hon. Gordon Campbell Premier of British Columbia, and Hon. Brad Wall Premier of Saskatchewan at the PNWER Border Roundtable on February 22, 2010



Liz Luce of the Washington Department of Licensing and Colin Smith of APEGBC at the PNWER Border Symposium at the Olympics

### Mission

To increase the economic well-being and quality of life for all citizens of the region;

To coordinate provincial and state policies throughout the region;

To identify and promote “models of success” and serve as a conduit for information exchange.

### Goals

*Promote greater regional collaboration;*

*Enhance the competitiveness of the region in both domestic and international markets;*

*Leverage the region’s influence in Washington D.C. and Ottawa;*

*Achieve continued economic growth while maintaining the region’s natural beauty and environment.*



## Public and Private Sector Leadership

PNWER delivers results on regional issues through action plans developed by more than 14 working groups corresponding to the region’s key priorities. Each working group is co-chaired by an industry leader and a government representative. PNWER is a forum for collaborative bi-national planning involving both the public and private sectors and offers leadership at the state/provincial level in Salem, Olympia, Boise, Helena, Juneau, Edmonton, Victoria, Regina, Whitehorse, and Yellowknife, and at the national level in Washington D.C. and Ottawa.



LA Len Mitzel and Hon. Naomi Yamamoto (BC) at the 2nd PNWER Legislative Academy



*“PNWER has a profound impact on policy making,”*  
**- Hon. Stockwell Day, Minister of the Asia Pacific Gateway**

## The Region’s Future

With over US \$1 Trillion in gross regional product, the US Pacific Northwest (Alaska, Idaho, Montana, Oregon, and Washington) and Western Canada (Alberta, British Columbia, Northwest Territories, Saskatchewan, and Yukon) is one of the fastest growing regions of North America. We are China and East Asia’s gateway to North America. We hosted the 2010 Winter Olympics. We are home to several major infrastructure projects and business opportunities. Now, more than ever, the Pacific Northwest needs a bi-national, regional advocate that works with both the public and private sectors.



*“PNWER has been the single most effective organization that we have been associated with in our twenty-three year existence in addressing political as well as business issues,”*  
**- Darrell Bryan, President and CEO of Clipper Navigation Inc.**



Delegates at the PNWER Energy Institute in Washington DC



### Border and 2010 Olympics

This February and March saw the culmination for the 2010 Olympics Program and a high point in our border work. PNWER became an official partner with the Vancouver Organizing Committee. During the Olympics, we worked with the Province of BC, Yukon and Northwest territories to put on a number of events focussed on tourism promotion and business development. The centerpiece of our activities was the Border Symposium, “Developing 2020 Vision for the US/Canada Border,” held February 22nd in Vancouver attended by Premiers Campbell (BC) and Wall (SK) together with US Ambassador Jacobson and other regional leaders.

PNWER played a vital role in the implementation of new AMTRAK Cascades Service between Portland and Vancouver, BC. PNWER’s Border Solution Council continues to work with the US Department of Homeland Security, the Canadian Border Service Agency and others to improve border mobility and aid in the development of Stakeholder designed solutions to enhance our global competitiveness.

### Center for Regional Disaster Resilience

PNWER, through its Pacific Northwest Center for Regional Disaster Resilience, works with key public and private stakeholders to create and implement solutions to local and regional infrastructure vulnerability and other related needs. Since late 2001, PNWER has been working with stakeholders to develop and conduct an extensive number of exercises and other events and activities focused on critical infrastructure interdependencies with the goal of improving regional infrastructure security and disaster resilience. This year has seen a number of Disaster Resilience initiatives moved forward by PNWER and next year proves to be an even more positive year for expanding the disaster resilience program in the region. These programs include the Blue Cascades Exercise Series, March 2010--PNWER held the 6th Blue Cascades Critical Infrastructure Interdependencies Exercise, to examine the impact of a major flood during a pandemic; and the Comprehensive Community Bio-Event Resilience (CCBER) Project through which PNWER is developing community roadmap for bio-resilience. This 18 month initiative will help provide a regional strategy to address pandemics or other biological attacks/outbreaks in our region. We also assisted with the Emerald Down Cyber Security Exercise, May 2010 – PNWER continues to facilitate the NW Alliance for Cyber Security. In 2010 NWACS developed a regional cyber exercise focusing on cyber impacts between the public and private sectors. For more on these, and our many other regional resiliency programs, please visit <http://www.regionalresilience.org/>

### Energy Horizon Institute

At the 2008 Vancouver Summit, the Energy Chair’s Task Force and the Energy Horizon Project proposed the development of a Legislative Energy Institute to prepare new legislators for a commitment to energy policy. PNWER’s private sector partners had recognized a need for legislators to have a better understanding of the basic energy system, including how the infrastructure works, and how public and private utility managers make business decisions to prepare for the region’s future energy needs.

From this, the Legislative Energy Horizon Institute was born. PNWER approached the US Department of Energy with the idea who agreed to provide \$65,000 in seed funding to get the Institute going. PNWER reached out to major energy stakeholders, including utilities in the region, to gauge possible supplementary support. Additional funding was secured from NCSL, and from several private sector ‘launch’ sponsors Spectra, Puget Sound Energy, BP, Northwest Gas Association, PacifiCorp and Enbridge.

PNWER partnered with the University of Idaho’s Executive MBA Leadership Institute to develop the curriculum of the 21 day executive course. Legislators who complete the 60 hours of course work will be awarded a certificate in Energy Policy from the University of Idaho. It took two months to construct the curriculum and meeting logistics, three months to recruit the first class, and 11 months to coordinate the classroom instruction.

The first of three sessions was held at the 2009 Summit in Boise. Initial feedback was very positive. In April 2010, the first 37 legislators graduated after the final session in Washington DC. Join us for breakfast Tuesday, July 20 for “Legislative Energy Horizon Institute: A PNWER Success Story” to learn more about reactions to the Institute.



Graduates of the first Energy Horizon institutes, April 2010 in Washington DC



# Tomorrow begins today.

We're defined by what we pass on to the next generation. That's why ConocoPhillips is proud to support the Pacific Northwest Economic Region Annual Summit. Your efforts toward building a safe, sustainable and secure energy supply today will help build a future for tomorrow ... for the ones who matter most.

  
**ConocoPhillips**

[www.conocophillips.com](http://www.conocophillips.com)



**Doug Bloom**  
President, Spectra Energy Transmission

Doug Bloom is president of Spectra Energy Transmission’s western Canadian operations, responsible for four of the company’s western-based divisions: BC Pipeline, BC Field Services, Midstream and the Natural Gas Liquids division.

Mr. Bloom joined the company in 1987 as a regulatory affairs supervisor for Westcoast Energy in Vancouver. Since then he has held a series of leadership positions of increasing responsibility including: information technology, regulated businesses and marketing. Most recently, he served as president of Maritimes and Northeast Pipeline.

Mr. Bloom holds bachelor’s and master’s degrees in economics, both from Simon Fraser University in Burnaby, British Columbia.



**Hon. Stockwell Day,**  
President of the Treasury Board and Minister for the Asia-Pacific Gateway

Stockwell Day has a strong background in business, community service and government. He has also worked in a leadership role with young people as a counselor and administrator at an independent school. From 1986 to 2000, Stockwell represented Red Deer North – one of Canada’s fastest growing cities – in the Alberta Legislature, where he served the Progressive Conservative government in a variety of senior roles including Chief Whip, Government House Leader, Minister of Labour, Minister of Social Services, and, from 1997 to 2000, as Provincial Treasurer (Minister of Finance) and acting Premier.

On January 19, 2010, Stockwell Day was named President of the Treasury Board and Minister for the Asia-Pacific Gateway. Stockwell Day is identified as one of Canada’s leading voices in advocating democratic reform, and presently serves as Vice Chair of the International Democrat Union. Stockwell is a member of the Royal Canadian Legion and the Rotary Club. He and his wife, Valorie have 3 sons and 13 grandchildren.



**Hon. Iris Evans,**  
Minister of International and Intergovernmental Affairs, Alberta

Iris Evans has been MLA for Sherwood Park since 1997. She was appointed Minister of International and Intergovernmental Relations on January 15, 2010, a portfolio where she promotes Alberta in Canada and internationally.

As Minister of International and Intergovernmental Relations, Ms Evans will oversee the creation of a new international strategy, strengthen and promote trade and investment relationships in key global markets and advocate for Alberta’s interests within Confederation. Currently Ms. Evans’ efforts are to ensure that Alberta is effectively leveraging partnerships with other provincial governments and territories in Canada. Internationally, her role as a staunch advocate for Alberta’s interests has found Ms. Evans engaged in global discussions on sustainable, secure resource management. Her enthusiasm for building consensus and collaboration has been particularly effective in establishing stronger relationships.



**David C Jacobson,**  
US Ambassador to Canada

David C. Jacobson was sworn in at the State Department in Washington, D.C. as U.S. Ambassador to Canada on September 25, 2009, and presented his credentials to the Governor General of Canada on October 2, 2009. Most recently, Ambassador Jacobson served as Special Assistant to the President for Presidential Personnel.

Before serving in the White House, he spent 30 years gaining expertise in the areas of complex commercial, class action, securities, insurance and business litigation as a partner at the law firm Sonnenschein, Nath & Rosenthal LLP. While working as a partner at Sonnenschein, Ambassador Jacobson also founded AtomWorks, an organization to bring together corporate, civic and academic leaders in order to foster nanotechnology in the Midwest.

Ambassador Jacobson received a J.D. from Georgetown University Law Center and was the Administrative Editor of the Georgetown Law Journal. He received his B.A. from Johns Hopkins University.



**Sara Johnson,**  
Managing Director, Global  
Macroeconomics

Sara Johnson is Managing Director of Global Macroeconomics with IHS Global Insight. In this role, she helps clients assess worldwide business and financial opportunities and risks. She was previously North American Research Director and Chief Regional Economist with Standard & Poor's DRI, a predecessor of IHS Global Insight. In this role, she managed the U.S. Macro, U.S. Regional, U.S. Industry, Cost Forecasting, and Canadian services. Ms. Johnson holds a BA in economics and mathematics from Wellesley College and a MA in economics from Harvard University with concentrations in finance and macroeconomic theory.



**Hon. Gary Lunn,**  
Minister of State for Sport

First elected to the House of Commons in 1997, Gary Lunn was re-elected in 2000, 2004, 2006, and 2008. After serving as Minister of Natural Resources from February 2006 to October 2008, he was appointed Minister Responsible for Sport and the 2010 Vancouver-Whistler Olympics and Paralympics on October 30, 2008.

Minister Lunn is a strong advocate for amateur sport in Canada, and is a former member of the Canadian Ski Patrol. He welcomed the challenge of being Minister of State for Sport as Canada hosted the world earlier this year at the Vancouver Winter Olympics and Paralympics.

Gary resides in North Saanich with his wife, Alexis and their two children, David and Victoria.



**Harold N. Kvisle,**  
President & CEO, TransCanada

President and Chief Executive Officer of TransCanada Pipelines Limited (TCPL) since May 2001, and TransCanada Corporation since May 2003. Prior to his employment with TCPL, Mr. Kvisle was the President of Fletcher Challenge Energy Canada Inc. (oil and gas) from 1990 to 1999. He has worked in the oil and gas industry since 1975 and in the utilities and power industries since 1999. He held engineering, finance and management positions with Dome Petroleum Limited, is former Chair of the Interstate Natural Gas Association of America (INGAA) and is former Chair of the Mount Royal College Board of Governors. Mr. Kvisle was the recipient of Canada's Outstanding CEO of the Year Award in 2008 and the Canadian Business Leader Award for 2009.

Mr. Kvisle has Bachelor of Science with Distinction in Engineering from the University of Alberta and a Master of Business Administration from the University of Calgary. Mr. Kvisle was conferred an Honorary Bachelor of Arts degree from Mount Royal University in 2009.



**Senator Lesil McGuire,**  
PNWER President 2009-2010, Alaska

Senator McGuire began her work in the Alaska State Legislature as counsel for the House Judiciary Committee. When the seat in her district opened up, McGuire took advantage of the opportunity to help her community in a unique way and decided to run for the Alaska State House. In 2006, McGuire was elected to the Alaska State Senate, and she has worked diligently for more than six years to make Alaska a better place for all to enjoy. In addition, the Senator is a member of the Senate Judiciary Committee. Senator McGuire also recently served as Chair of the Council of State Governments-WEST (CSG-WEST) and is the President of Pacific Northwest Economic Region (PNWER).

She has always made volunteerism a central part of her life, serving various community programs. She is a Board Member of the Alaska Traumatic Brain Injury Awareness Board and a Board Member for the Special Olympics of Alaska.



**Lorraine Mitchelmore,**  
President, Shell Canada Limited; Canada  
Country Chair.

Lorraine Mitchelmore was appointed Canada Country Chair on November 1, 2009, in addition to her role as VP Onshore Gas Exploration & Appraisal for Upstream Americas. Lorraine began her career as a geophysicist with Petro-Canada and Chevron in Calgary, before embarking on an International career in 1990 with BHP Petroleum in Australia. She returned to Canada in 2002, where she joined Shell Canada as the Southern Foothills Exploration and Development Manager, followed in July 2008 by VP Exploration Americas North, and most recently, VP Onshore Gas XP & Appraisal for Upstream Americas.

A native of Newfoundland, Lorraine graduated with a BSc in Geophysics in 1985. She holds two other degrees, completed while working with BHP: MSc (Geophysics) from the University of Melbourne in Australia and a MBA from Kingston Business School in London, England. Lorraine and her husband Kevin have two young daughters and enjoy travel and outdoor activities.



**Jeff Morris,**  
CEO, Energy Horizon LLC

As CEO of Energy Horizon LLC, Jeff directs the Pacific Northwest Economic Region's bi-national aggregated energy resource planning, as well as developing distributive generation energy projects. He is a co-founder of Northwest Energy Angels, the first North American angel investing group investing exclusively in new energy technologies. He is also a Trustee of the Washington State Life Science Fund.

Jeff is a past director of the Northwest Energy Technology Collaborative (NWETC), headquartered at the Washington Technology Center (WTC). Jeff and his team at WTC worked to accelerate growth of the energy-technology industry in the region. The U.S. Department of Energy recognized his achievements by naming him a "West Coast Power Player." The Northwest and Intermountain Power Producers Coalition awarded Jeff this year's recipient of the "Vito Stagliano Excellence in Electricity Policy Award." NIPPC established the award in 2006 to recognize individuals who have helped advanced innovative public policy within the electricity sector.



**Jim Prentice,**  
Canada's Minister of the Environment and  
Member of Parliament for Calgary  
Centre-North

Mr. Prentice is responsible for Canada's participation in the Clean Energy Dialogue established by President Barack Obama and Prime Minister Stephen Harper, for Canada's role in international Climate Change negotiations, and for Canada's negotiations in the 2009 Major Emitters' process convened by President Obama. He has also introduced legislation to modernize penalties for environmental offences.

Jim Prentice was elected to the House of Commons in 2004 and re-elected in 2006 and 2008. He graduated from the University of Alberta and Dalhousie Law School. Mr. Prentice has lived in Calgary for over 25 years with his wife Karen and their three daughters.



**Hon. Floyd Roland,**  
Premier of Northwest Territories

Mr. Roland was first elected to the Legislative Assembly on October 16, 1995. He was re-elected to represent the Inuvik Boot Lake constituency in the 14th Legislative Assembly on December 6, 1999, and again on November 4, 2003 in the 15th Legislative Assembly. On October 1, 2007 the Inuvik Boot Lake electorate supported Mr. Roland for a fourth consecutive term as a Member of the 16th Legislative Assembly and on October 18, 2007 he was elected Premier of the Northwest Territories.

Mr. Roland served on the Inuvik Town Council for three years, including a term as the Deputy Mayor from 1994 to 1995. He was Chairman of the Inuvik Hunters and Trappers Committee from June 1994 to October 1995, and President of the Western Arctic Tourism Association. Mr. Roland has been actively involved with hockey in Inuvik, both as a minor league coach and as a player. Mr. Roland has six children: Austin, Justin, Quincey, Samuel, Mitchell and Courtney.

**LET'S SECURE  
A BETTER  
ENERGY  
FUTURE.  
LET'S GO.**

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ENERGY CHALLENGE AT  
[WWW.SHELL.COM/LETSGO](http://WWW.SHELL.COM/LETSGO)**





**Steve Reynish,**  
President, Marathon Oil Canada

Mr. Reynish was appointed president of Marathon Oil Canada Corporation in October, 2007. Before joining Marathon, Mr. Reynish was executive vice president and chief operating officer for Western Oil Sands Inc.

He holds a master's degree in mining engineering, a master's of business administration degree and has completed post-graduate studies at IMD and the Wharton School. Mr. Reynish is an international engineer with a proven track record in developing and managing large scale operations. He has been a board member of the Alberta Shock Trauma Air Rescue Society and Foundation (STARS) since 2004 and is a member of the Board of Governors of the Canadian Association of Petroleum Producers (CAPP).



**Hon. Edward Michael Stelmach,**  
Premier of Alberta

Edward Michael Stelmach was elected leader of the Alberta Progressive Conservative Party on December 2, 2006 and was sworn in as Alberta's 13th Premier on December 14, 2006. On March 3, 2008, he won an overwhelming mandate in a provincial general election that increased the number of Progressive Conservative Members in the Legislative Assembly.

He served as a school trustee; chair of the Vegreville health unit board and a member of the Archer Memorial Hospital and Lamont Auxiliary Hospital and Nursing Home boards; and as a councillor and reeve for Lamont County. As Premier, Mr. Stelmach has committed to leading Alberta through the global recession and positioning the province for a strong economic recovery by responsibly managing government spending; using the province's savings to protect public programs and service; investing in infrastructure and ensuring that Alberta's industries are competitive and continue to attract investment.

Premier Stelmach and his wife Marie continue to live on the homestead founded by his grandparents. They have four grown children and four grandchildren.



# Calgary Stampede

*Since 1912, the Calgary Stampede has been called the greatest outdoor show on earth. Don't miss your chance to experience the world's largest outdoor rodeo, as well as the festival and exhibitions.*

The PNWER ticket block for the Stampede is sold out, but that doesn't mean you have to miss out on this quintessentially Alberta experience. Use your Saturday and Sunday afternoons to explore the exhibitions, ride the Ferris Wheel on the midway, or see one of the many shows planned during the stampede.

If you have your heart set on attending the rodeo, or other stampede events, full-price tickets are being sold through:

[www.calgarystampede.com](http://www.calgarystampede.com)

No guarantees to their availability!





# HOW WE WORK

**At Nexen, it's not just what we do that makes us worldwide leaders – it's how we do it.**

Nexen is a Canadian-based oil and gas company with international operations. We're committed to working collaboratively, building our assets and finding new ways of developing our oil and gas resources – conventional and unconventional – through innovative adaptation of technology. This leads to a sustainable outcome, creating value for all of our stakeholders.

**Nexen, a company you can believe in.**

**[www.nexeninc.com](http://www.nexeninc.com)**

**nexen** 

PNWER 20th Annual Summit  
 Calgary, Alberta July 16-20, 2010  
 “An Energized Outlook: Leading the Way”  
 Preliminary Schedule

Updated 07-05-10



**Friday, July 16th**

11:30am - 9:00pm	<b>Registration- Stephen Room</b>
12:00pm - 5:00pm	<b>PNWER Executive Committee Meeting- Herald/Doll Room</b>
2:00pm - 5:00pm	<b>Policy Tour of Enmax Downtown District Energy Centre &amp; TransCanada Pipeline Control Room- Register Online</b>
12:00pm - 4:30pm	<b>Family Tour: Calgary City Tour with Heritage Park- Registration Required. Tour brought to you by Marathon Oil</b>
5:00pm - 7:00pm	<b>Welcome Reception- featuring Hon. Gary Lunn, Minister of State for Sport- located at West Restaurant &amp; Bar</b>
9:00pm	<b>Hospitality Suite- Atrium Hosted by CNRL</b>

**Saturday, July 17th**

7:00am - 5:00pm	<b>Registration- Grand Foyer</b>				
8:00am - 9:15am	<b>Opening Ceremonies and Breakfast featuring the Honourable Jim Prentice, Minister of Environment Canada- Imperial Ballroom</b>				
9:30am - 12:00pm	Border Issues Room: Imperial Ballroom 5	Trade and Economic Development Room: Herald/Doll	Energy I Room: Imperial Ballroom 7/9	University Presidents Roundtable (closed session)	Invasive Species Room: Bannerman/ Walker
12:00pm - 1:00pm	<b>Luncheon Keynote featuring Honourable Stockwell Day, President of the Treasury Board and Minister of Asia-Pacific Gateway</b>				
1:00pm - 5:00pm	<b>University Presidents Roundtable (closed session)</b>				
1:30pm - 8:00pm	<b>Stampede</b>				
9:00pm	<b>Hospitality Suite- Atrium</b>				

**Sunday, July 18th**

7:00am - 5:00pm	<b>Registration- Grand Foyer</b>				
7:30am - 9:00am	<b>Stampede Breakfast- offsite location at Flame Central Sports Bar located at 219 Steven Avenue Mall</b>				
9:30am - 11:45am	Transportation Room: Herald/Doll	Disaster Resilience Room: Imperial Ballroom 5	Energy II: Renewables Room: Imperial Ballroom 7/9	Sustainable Development Room: Stephen AB	
12:00pm - 1:00pm	<b>Luncheon featuring Sara Johnson, IHS Global Insight “The Global Economic Outlook: How Sustainable is this Expansion?” - Imperial Ballroom</b>				
12:30pm - 5:00pm	<b>PNWER Health Care Working Group: Mental Health and Addictions in the Workplace- Bannerman Walker Room</b>				
1:30pm - 8:00pm	<b>Stampede</b>				
9:00pm	<b>Hospitality Suite</b>				

## Monday, July 19th

7:00am - 5:00pm	Registration- Grand Foyer					
8:00am - 9:30am	Breakfast Keynote featuring US Ambassador to Canada David Jacobson					
9:00am - 2:00pm	Family Tour: Calgary City Sights Tour with Canada Olympic Park- Pre- Registration Required. Tour brought to you by Marathon Oil					
9:45am - 12:15pm	Tourism Room: Herald/Doll	Water Policy Room: Imperial Ballroom 5	Workforce/ Northern Development Room: Bannerman/Walker	Energy I Room: Imperial 7/9	Cross border Livestock Health Conference Room: Stephen AB	
12:30pm - 2:00pm	Luncheon featuring Alberta Premier Ed Stelmach, followed by a CEO Roundtable with Hal Kvisle of TransCanada, Doug Bloom of Spectra Energy, and Lorraine Mitchelmore of Shell Canada Ltd- Imperial Ballroom, moderated by Bruce Carson, Executive Director of Canada School of Energy and Environment					
2:00pm - 4:30pm	Arctic Caucus Meeting Room: Herald/Doll	Water Policy Room: Imperial Ballroom 5	Healthcare Room: Bannerman/Walker	Energy II: Transmission Room: Imperial Ballroom 7/9	Cross Border Livestock Health Conference Room: Stephen AB	
6:00pm	Pre-Reception hosted by the Government of Canada					
6:30pm	President's Banquet - Imperial Ballroom					
9:00pm	Hospitality Suites- Atrium Hosted by APEGGA, APEGBC, and APEGS					

## Tuesday, July 20th

7:00am - 5:00pm	Registration- Grand Foyer					
8:00am - 9:00am	Breakfast Keynote featuring Honourable Floyd Roland, Premier of Northwest Territories- Imperial Ballroom					
9:00am - 5:00pm	Family Tour: Badlands Tour including Drumheller & the Royal Tyrell Museum- Pre-Registration Required. Tour brought to you by Enmax					
9:15am - 12:15pm	Environment Room: Imperial Ballroom 7/9	Agriculture/Cross-Border Livestock Health Room: Stephen AB	Innovation Room: Bannerman/Walker	Bio-Energy in the West: A Business and Policy Forum Room: Herald/Doll	Women in Natural Resources Room: Imperial 5	Policy Tour: Okotoks and Drake Landing Solar Community (Departs at 8:30)
12:30pm - 2:00pm	Final Plenary Luncheon Keynote featuring Honourable Iris Evans, Minister of International and Intergovernmental Relations, Alberta- Imperial Ballroom					
2:00pm - 3:00pm	Bio-Energy in the West: A Business and Policy Forum (continued)- Herald/Doll					
2:00pm - 5:00pm	University of Calgary- Life Science Innovation	WestJet Campus Tour	TRLabs, Calgary Technologies & Smart Technologies		University of Calgary- Faculty of Veterinary Medicine- Clinical Skills Building	
2:00pm - 5:00pm	PNWER Executive Committee Meeting- Imperial Ballroom 5					

## Wednesday, July 21st

7:00am - 7:00pm	Policy Tour: Oil Sands					
8:00am - 5:00pm	Family Tour: Banff & Lake Louise Excursion- Pre-Registration Required. Tour brought to you by Enmax					
9:00am - 5:00pm	Policy Tour: Water Policy at the University of Lethbridge					
8:00am - 3:00pm	Policy Tour: Nova Chemical Petro-chemical Plant in Joffre, Alberta					

# adding value to our natural resources

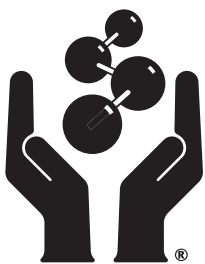


A strong player in  
the petrochemical

industry, NOVA Chemicals

is a genuine Alberta

success story.



**Responsible Care®**  
Our commitment to sustainability.

All meetings will be held in the Hyatt Regency Calgary. A map of the hotel can be found on page 52.

## Friday, July 16

11:30 am – 9:00 pm

**Registration** – *Stephen Room (Third floor)*

12:00 pm – 5:00 pm

**PNWER Executive Committee Meeting** – *Herald/Doll Room (Third floor)*

2:00 pm – 5:00 pm

**Policy Tour** - *Grand Foyer #1 (Third floor)*

Enmax Downtown District Energy Centre and TransCanada Pipeline Control Room (*Pre-registration Required*)\*

12:00 pm – 4:30 pm

**Family Tour** - *Grand Foyer #1 (Third floor)*

Calgary City Tour & Heritage Park (*Pre-registration required*)\*

Tour brought to you by Marathon Oil

5:00 pm – 7:00 pm



Hon. Gary Lunn,  
Minister of State  
for Sport,  
Canada

**Welcome Reception** – *West Restaurant & Bar*

(*Located offsite: 225 Seventh Avenue SW*)

Featuring **Honourable Gary Lunn**, *Minister of State for Sport, Canada*

Introduction by Scott Thon, *President & CEO, Altalink*

Hosted by AltaLink

9:00 pm

**Hospitality Suite** – *Atrium (Third floor)*

Hosted by Canadian Natural

## Saturday, July 17

7:00 am – 5:00 pm

**Registration** – *Grand Foyer #1 (Third floor)*

8:00 am – 9:15 am

**Opening Ceremonies and Breakfast** – *Imperial Ballroom (Third floor)*



Hon. Jim Prentice,  
Minister of  
Environment,  
Canada

Welcome by **Senator Lesil McGuire**, PNWER President

Keynote: **Honourable Jim Prentice**, *Minister of Environment, Canada*

Hosted by Enbridge

*\*For all Policy and Family tours, please confirm pre-registration with the registration desk. If you are not registered, please check tour availability with the registration desk.*

## Saturday, Cont.

9:30 am – 12:00 pm

*Concurrent Sessions: Border Issues, Trade and Economic Development, Energy I, Invasive Species, University President's Roundtable*

**Session I**

Saturday: 9:30 am – 12:00 pm

Co-Chairs:



**Len Mitzel,**  
MLA, Alberta



**Dr. Don Alper,** Director,  
Border Policy Research  
Institute, Western  
Washington University

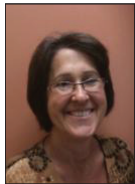
**Border Issues – Imperial Ballroom 5 (Third floor)**

- Stakeholder Roundtable: Featured Panelists and Facilitators
  - Deborah Meyers,** Director Canadian Desk, International Affairs, Department of Homeland Security (DHS)
  - Maureen Tracy,** Director General of Border Programs, Canadian Border Services Agency (CBSA)
    - After initial presentations by our featured panelists, the Stakeholder Roundtable will begin with pre-identified stakeholders presenting challenges and solutions on the Canada – U.S. Border. The facilitated Roundtable will address specific border issues including:
      - Land pre-clearance for common carriers (trains, buses, cruise ships)
      - Business travel issues impacting our competitiveness in global markets, with a focus on potential solutions
      - Point to point movement of trucks and empty trailer movement across the border
      - Pre-clearance of low or no value goods
      - Interior border crossings and increased hours of service
      - Harmonization of product regulations between Canada and the U.S.
- Discussion and development of Action Items

**Session II**

Saturday: 9:30 am – 12:00 pm

Co-Chairs:



**Amy Keiter,**  
Director of Pacific  
Coast Partnerships,  
Office of Governor  
Kulongoski (OR)



**Bernie Magnan**  
Chief Economist,  
Vancouver Board of  
Trade

**Trade and Economic Development – Herald/Doll (Third floor)**

- Green Jobs - What do they look like and how do we grow more of them?
  - **Cylvia Hayes,** CEO, 3E Strategies (Consultant to State of Oregon on Green Economy)
  - **Barbara Hins-Turner,** Executive Director, Washington State Center of Excellence for Energy Technology
- Asia Pacific Trade - Reports from recent trade missions and insight on expanding trading relationships
  - **Bill Wyatt,** Executive Director, Port of Portland
  - **Lionel LaBelle,** CEO, Saskatchewan Trade and Export Partnership (STEP)
  - **Norman Leach,** Executive Director, American Chamber of Commerce - Canada West
- Discussion and development of Action Items

## Saturday, Cont.

### Session III

Saturday: 9:30 am – 12:00 pm

Co-Chairs:



**Hon. Ron Liepert**  
Minister of Energy  
Alberta



**Bill Kidd,**  
Director External Affairs,  
BP America Inc.

### Energy I – Imperial Ballroom 7/9 (Third floor)

- Report on Legislative Energy Horizon Institute
  - **Jeff Morris**, Director, PNWER Energy Horizon Program
  - **Yvonne Sertich**, Executive Director, Executive Education Program, University of Idaho
- Emerging role of North American Natural Gas
  - **Gary Weiling**, VP of Strategic Development and External Affairs, Spectra Energy Transmission
  - **Larry Persily**, Director, U.S. Office of the Federal Coordinator for Alaska Natural Gas Pipeline
  - **Grant Thomson**, NOVA Chemical
- Growing importance of on-shore oil supplies for North America
  - **Mike Ekelund**, Assistant Deputy Minister, Strategic Initiatives Division, Department of Energy, Government of Alberta
  - **Dave Collyer**, President, Canadian Association of Petroleum Producers
  - **Gary Mar**, Minister-Counsellor, Alberta Washington DC Office
- Discussion and development of Action Items

### Session IV

Saturday: 9:30 am – 12:00 pm

Co-Chairs:



**Rep. Eric Anderson**  
Idaho



**Dr. Mark Sytsma**  
Portland State  
University

### Invasive Species – Bannerman/Walker (Third floor)

Invasive species are a growing economic and environmental issue throughout the region. This panel will examine best practices on both sides of the border

- Panel on Northwest regional collaboration and best practices
  - Cross border weed management
    - **Anna Lyon**, Okanogan County Noxious Weed Board
  - Firewood exchange program
    - **Lisa DeBruykere**, Oregon Invasive Species Council
  - Weed-free hay program
    - **Kim Nielsen**, Clearwater County, Alberta
  - Economic impact of invasive species with a focus on dreissenid mussels in the Columbia River Basin
    - **Roger Mann**, Independent Economic Analysis Board, Northwest Power and Conservation Planning Council
- State/Province invasive species control efforts and methods for funding invasive species programs
- Discussion and development of Action Items

### Session V

Saturday Full Day Session

### University President's Roundtable – Gallery (Second Floor)

Invitation only

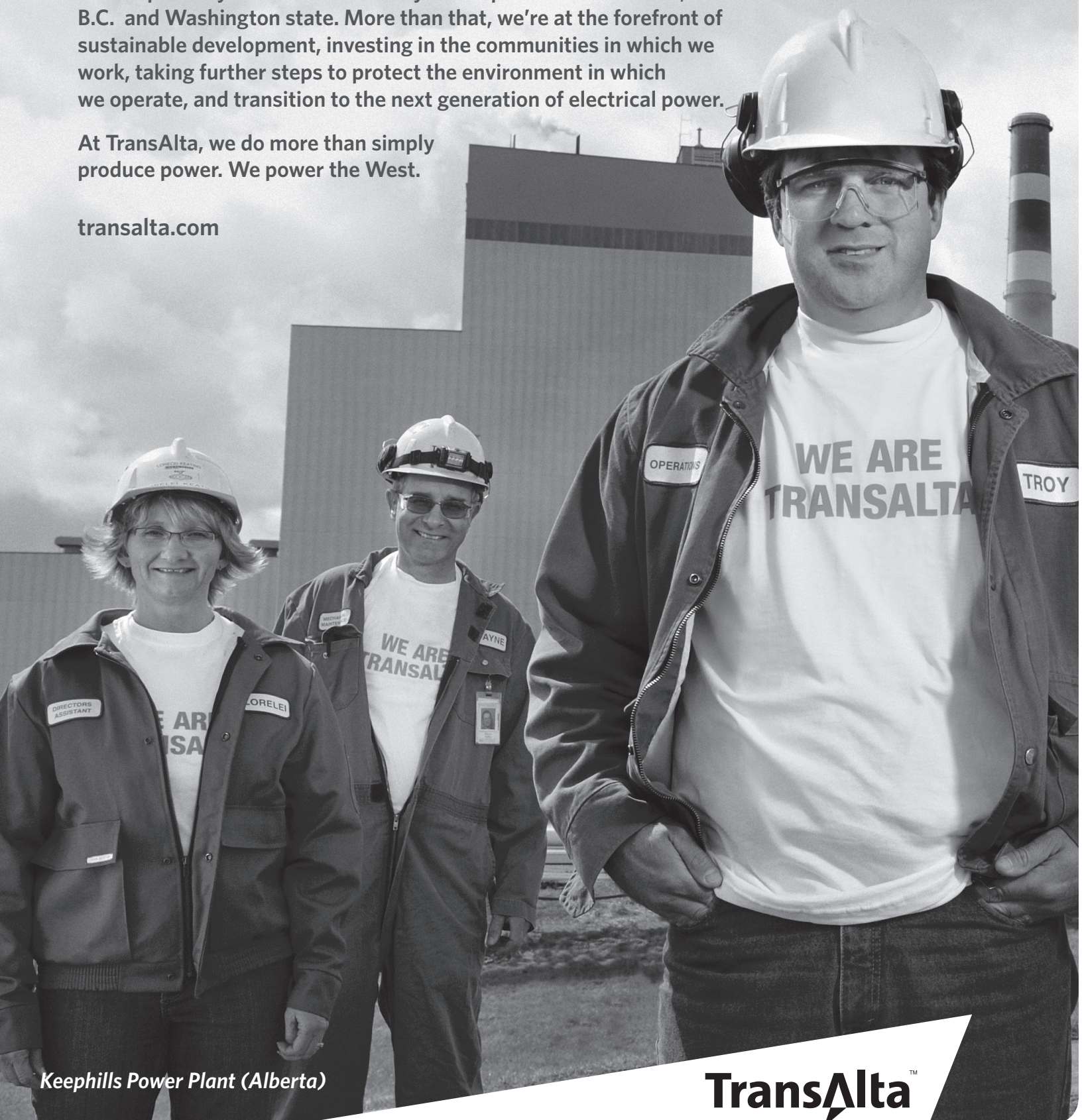
# The power of the West.

## 7 million homes powered by 2,000 employees

TransAlta is a leader in the energy markets of western Canada and the U.S. Pacific Northwest. We've generated power reliably and responsibly since 1911 and today have operations in Alberta, B.C. and Washington state. More than that, we're at the forefront of sustainable development, investing in the communities in which we work, taking further steps to protect the environment in which we operate, and transition to the next generation of electrical power.

At TransAlta, we do more than simply produce power. We power the West.

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Keephills Power Plant (Alberta)

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12:00 pm – 1:00 pm



**Hon. Stockwell Day,**  
President of the Treasury  
Board and Minister of  
the Asia-Pacific Gateway,  
Canada

**Luncheon – Imperial Ballroom (Third floor)**

Featuring **Honourable Stockwell Day**, *President of the Treasury Board and Minister of the Asia-Pacific Gateway, Canada*  
Introduction by Peter Kruselnicki, Vice President-Public Sector Relations  
Hosted by TransCanada

1:00 pm – 5:00 pm

Saturday full day session

1:30 pm – 8:00 pm

9:00 pm

**University President's Roundtable – Gallery (Second Floor)***Invitation only*—Continued from morning session**Stampede****Hospitality Suite – Atrium (Third floor)****Sunday, July 18**

7:00 am – 5:00 am

**Registration – Grand Foyer (Third floor)**

7:30 am – 9:00 am



**Hon. Floyd Roland,**  
Premier of Northwest  
Territories

**Stampede Breakfast – Flame Central Sports Bar***(Located offsite: 219 Eight Avenue SW)*

Featuring **Honourable Floyd Roland**, Premier of Northwest Territories  
Hosted by BP

9:30 am – 11:45 am

*Concurrent Session:* Transportation, Disaster Resilience, Energy II: Renewables,  
Sustainable Development

**Session I**

Sunday: 9:30 am – 11:45 am

Co-Chairs:



**Hon. Jim Reiter**  
Minister of  
Transportation,  
Saskatchewan



**Bruce Agnew,**  
Policy Director,  
Cascadia

**Transportation – Herald/Doll (Third floor)**

- Trade patterns and inland development
  - An overview of the changing face of trade patterns in North America and globally
    - **Peter Wallis**, *President & CEO, The Van Horne Institute for International Transportation and Regulatory Affairs*
  - Saskatchewan's inland gateway: Changing infrastructure for changing times
    - **Wayne Elherd**, *Member of the Legislative Assembly, Saskatchewan*
- Developing the Arctic
  - Opportunities and challenges in developing infrastructure in the Arctic
    - **Mike Black**, *Deputy Commissioner, Alaska Department of Commerce*
- High speed rail: Getting there fast?

## Sunday, Cont.

- Developing the Northwest's high speed rail corridor and an update on Amtrak Cascades
  - **Bruce Agnew**, *Policy Director*, Cascadia Center for Regional Development
- Discussion and development of Action Items

## Session II

Sunday: 9:30 am – 11:45 am

Co-Chairs:



**David Hodgins**,  
*Managing Director*,  
AB Emergency  
Management



**Dr. Paula Scalingi**  
*Director*,  
Center for Regional  
Disaster Resilience

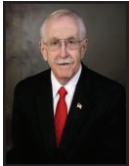
### Disaster Resilience – Imperial Ballroom 5 (Third floor)

- Collaborating to develop a cross-border regional resilience strategy
  - Developing a culture of public safety and disaster resilience
    - **Kevin Roche**, *Director*, Saskatchewan Protection and Emergency Services
  - Regional resilience roundtable discussion: Understanding the many ways our economy and public safety are linked; developing a cross-border strategy for regional disaster resilience and potential state/provincial priorities and policies to foster preparedness and mitigation; and developing a PNW cross-border resilience strategy by identifying and building on best practices in regional coordination activities. Featuring:
    - **Representative Deb Boone**, Oregon
    - **John van Dongen**, *MLA*, British Columbia
    - **Len Mitzel**, *MLA*, Alberta
    - **Sheena Vivian**, *Manager*, Corporate Emergency Program, BC Hydro
    - **David Hodgins**, *Managing Director*, AB Emergency Management
- Pacific Northwest Border Health Alliance
  - State and Provincial memorandums of understanding
  - Pacific Northwest Emergency Management Arrangement (PNEMA) opportunities for expansion
    - **Wayne Dauphinee**, *Executive Director*, Pacific Northwest Border Health Alliance
- Comprehensive Community Bio-Event Resilience (CCBER) Action Plan
  - Highlights from the year long CCBER project identifying needs and gaps in current pandemic and health/public safety preparedness capabilities.
    - **Brandon Hardenbrook**, *Deputy Director*, PNWER
- General discussion on additional best practices and activities in the PNWER region that should be considered and identification of short and longer-term priority disaster resilience cross-border action items.

## Session III

Sunday: 9:30 am – 11:45 am

Co-Chairs:



**Rep. George Eskridge**,  
Idaho State Legislature



**Paul Manson**,  
*President*,  
Sea Breeze Power Corp.

### Energy II: Renewables – Imperial Ballroom 7/9 (Third floor)

Steve Wright, Administrator of BPA, has said that integrating intermittent renewables is the 'challenge of our time'. With the region slated to add over 4,000 MW of wind in the near term, this panel will address the challenges and possible solutions to access the significant renewable resources in the PNWER region.

- Integrating variable renewables
  - Challenges of integrating renewables—Can renewables firm renewables?

## Sunday, Cont.

- **Syd Berwager**, *Strategy Integration*, Bonneville Power Administration
  - Survey of storage technologies
    - **Neil Ferguson**, *Director of Western and Pacific Canada Renewable Power—Water, Wind, Solar, Thermal*, Hatch, Ltd.
  - Advancements in Smart Grid utility storage systems
    - **Brian Scott**, ABB
  - Wind forecasting
    - **Roger Gale**, *President and CEO*, GF Energy
  - Hydroelectric Reservoir Storage
    - **Rohan Soulsby**, BC Hydro
- Discussion and development of Action Items

**Session IV**

Sunday: 9:30 am – 11:45 am

Co-Chairs:



**Hon. Mel Knight**,  
*Minister of Sustainable  
Resource Development,*  
Alberta



**Gary Holden**,  
*CEO,*  
ENMAX

**Sustainable Development – Stephen Room A/B (Third floor)**

- What does sustainability mean to Canada's largest companies: results for SAP's survey of "What Sustainability Means" to Canada's largest companies
  - **Delvin Fletcher**, *Vice President Sustainability, SAP*
- Panel and discussion: Challenges, constraints, and cultivation: Innovative solutions to drive regional leadership and expand markets in green technology and best practices
  - Solarize your city: Partnership for sustainable industry in Oregon
    - **Mayor Sam Adams**, City of Portland, Oregon
    - **Ben Santarris**, *Public Affairs Manager, Solarworld*
  - How the Public Sector can stimulate green innovation: Policy innovation to stimulate development and adoption of new green technologies; how is British Columbia looking to lead the future in sustainable innovation?
    - **Honourable Barry Penner**, *Minister of Environment, British Columbia*
  - Private industry's role in cultivating demand and providing supply of innovation green technologies
    - **Dave Rehn**, *Executive Vice President, Generation and Wholesale, ENMAX*
- Discussion and development of Action Items

12:00 pm – 1:00 pm



**Sara Johnson**,  
*Managing Director,*  
*Global Macro Economic,*  
IHS Global Insight

**Luncheon – Imperial Ballroom (Third floor)**

Keynote: **Sara Johnson**, *Managing Director, Global Macro Economics, IHS Global Insight*-- "The Global Economic Outlook: How Sustainable is this Expansion?"

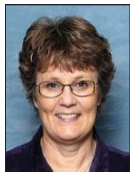
Hosted by Cambridge Energy Research Associates (CERA)

**Sunday, Cont.**

12:30 pm – 5:00 pm

**Healthcare Working Group: Mental Health and Addictions in the Workplace—  
Bannerman /Walker (Third floor) – Lunch provided**

Co-chairs:



Rep. Julie French  
Montana



John Sproule  
Sr. Policy Director  
Inst. of Health Economics


- Trends in mental health and addictions in the workplace: Psychologically healthy workplaces
  - Moderated by **Dr. Ian Arnold**, Workplace Committee of the Mental Health Commission of Canada
- What does science tell us?
  - Addictions in the North American Workplace: A Research Review
    - **Dr. Mark Attridge**, Attridge Consulting (Minneapolis)
  - The Employer Perspective on Mental Health and Addictions – New Survey Results from IHE Research
    - **Dr. Gus Thompson**, Institute of Health Economics (Edmonton)
  - Stigma and the (Mis)Understanding of Depression: Research on Mental Health Literacy
    - **Professor JianLi Wang**, Faculty of Psychiatry & Community Health Sciences, University of Calgary
- Employer responses and new resources
  - Guarding Minds/Great-West Life Program—New Resources for Organizations
    - **Dr. Merv Gilbert**, Gilbert-Action Consulting (Vancouver)
  - The Role of Employee and Family Assistance Programs (EFAP) and EASNA 2009 Purchasers’ Guide to EAP
    - **Chris Hylton**, Hylton & Associates (Calgary) & Board of EASNA
  - Employer Case Example of SAE/SAP Workplace Drug Testing & Support in Alberta
    - **Dr. Ann Malain**, Human Solutions EFAP (Toronto)
  - Responsive panel, featuring
    - **Cathy Pryce**, Alberta Health Services
    - **Professor Roger Palmer**, University of Alberta, Faculty of Business
- Open discussion and review
  - Review of resources in Canada and U.S. on Mental Health and Addictions in the Workplace
- Support for this session has been provided by Norlien Foundation, Institute of Health Economics, Eli Lilly, Merck and PNWER.

1:30 pm – 8:00 pm  
9:00 pm

**Stampede  
Hospitality Suite – Hyatt Regency Atrium (Third Floor)**



# CONNECTING RENEWABLE ENERGY



Regardless of where renewable sources of power are located, transmission is the essential link that connects and transports the electricity from where it's generated to where it's needed, providing power to all Albertans.

AltaLink is actively working with stakeholders to build more than 40 new transmission projects, responding to the province's growth and ensuring the transmission system will meet Albertans' needs today and in the future.

**ALTALINK**

[www.altalink.ca](http://www.altalink.ca)

7:30 am – 5:00 pm

**Registration – Grand Foyer #1 (Third floor)**

8:00 am – 9:30 am



**David Jacobson,**  
US Ambassador to  
Canada

**Breakfast – Imperial Ballroom (Third floor)**

Keynote U.S. Ambassador to Canada **David Jacobson**  
Introduction by Lorraine Mitchelmore,  
President and Country Chair, Shell Canada LTD  
Hosted by Shell Canada LTD

9:00 am – 2:00 pm

**Family Tour - Grand Foyer #1 (Third floor)**

Calgary City Sights Tour with Canada Olympic Park (*Pre-registration required*)  
Tour brought to you by Marathon Oil

9:45 am – 12:15 pm

*Concurrent Sessions: Tourism, Water Policy, Workforce/Northern Development, Energy I, Cross-Border Livestock Health*

**Session I**

Monday: 9:45 am – 12:15 pm  
Chair:



**Karen Ballard,**  
Director of Tourism,  
Idaho

**Tourism – Stephen Room (Third floor)**

- Bi-National Coastal Tourism: The Cruise Industry
  - Update on the Alaska Head Tax and impacts on the Northwest Cruise Industry
    - **Bruce Bustamonte**, VP Public and Community Affairs, Princess Tour
    - **Senator Bert Stedman**, Alaska Legislator
- Utilizing Social Media For Communication and Marketing
  - The Olympic Experience and Social Media
    - **William Bakker**, Director of eBusiness, Tourism BC
    - **Ann Peavy (@SeattleMaven)**, Senior Manager, Seattle Visitor Center & and Concierge Services (Joining via Twitter)
  - Integration of social media for economic development and tourism promotion in local and regional markets (Edmonton Case Study)
    - **Derek Coke-Kerr**, Independent Tourism Consultant
- Discussion and development of Action Items

**Session II**

Monday full day session  
Co-Chairs:



**Rep. John "Bert" Stevenson**  
Idaho



**David Hill**  
Program Manager  
AB Water  
Research Inst.

**Water Policy – Imperial Ballroom 5 (Third floor)**

**Columbia River Treaty, Views from the Water's Edge:** U.S. and Canadian perspectives on economic, social, and environmental issues that resource managers face today and provide ideas on what issues should be considered by policy-makers and regulatory bodies when considering potential changes to the Columbia River Treaty.

- Objective: To provide a snapshot of regional issues that PNWER delegates should be aware of in the Columbia River Basin.
  - Discussion panel featuring
    - **Kindy Gosal**, Director of Water and Environment, Columbia Basin Trust

## Monday, Cont.

- **Josh Smienk**, *Former Director*, Regional District of the Central Kootenays
- **Nigel Bankes**, *Professor of Law*, University of Calgary
- **Terry Morlan**, *Director of Power Planning*, Northwest Power and Conservation Council
- Discussion and development of Action Items

## Session III

Monday: 9:45 am – 12:15 pm

Co-Chairs:



Rep. Anna  
Fairclough  
Alaska



Neil Windsor  
CEO,  
APEGGA



Rep. Charisse  
Millett,  
Alaska

## Workforce/Northern Development – Bannerman/Walker (Third floor)

- Background on the PNWER Workforce Mobility Working Group
  - **Neil Windsor**, *CEO*, APEGGA
- Highlights of challenges and opportunities for cross border workforce mobility
  - **Larry Persily**, *Federal Coordinator*, Alaska Natural Gas Transportation Projects
- Briefing the “Petroleum Labor Market Issues & Supply Solutions Report” conducted by the Petroleum Human Resource Council
  - **Cheryl Knight**, *Executive Director and CEO*, Petroleum and Human Resources Council
- Roundtable discussion featuring:
  - **Honourable Patrick Rouble**, *Minister of Education*, Yukon
  - **Honourable Moira Stilwel**, *Minister of Advanced Education and Labour Market Development*, British Columbia
  - **Honourable Rob Norris**, *Minister of Advanced Education, Employment and Labour Commissioner*, Saskatchewan
  - **Click Bishop**, *Alaska Department of Labor and Workforce Development*
- Highlights of issues the States, Provinces, and Territories have with collaboration on workforce training/education and mobility
- Issues of licensing of trade workers, engineering, and other professionals used in cross-border capacity
- How we can leverage our current regional expertise through workforce mobility and training/education
- Discussion and development of Action Items

## Session IV

Monday: 9:45 am – 12:15 pm

Co-Chairs:



Hon. Ron Liepert  
Minister of Energy  
Alberta



Bill Kidd  
Director of External Affairs  
BP America Inc.

## Energy I – Imperial Ballroom 7/9 (Third floor)

- Carbon capture and sequestration
  - Opening remarks
    - **Honourable Ron Liepert**, *Minister of Energy*, Alberta
  - Alberta’s approach to CCS, Western Canadian MOU’s, and applicability to PNWER Region
    - **Tim Grant**, *Assistant Deputy Minister, Electricity and Alternative Energy*, Department of Energy, Alberta
  - Saskatchewan’s Weyburn Project, and the Petroleum Technology Research Center (PTRC) at the University of Regina
    - **Malcom Wilson**, *Director, Environment*, University of Regina

- Industry Panel on CCS moderated by **Jim Carter**, *Chairman*, Alberta Carbon Capture and Storage Development Council
  - **Rob Seeley**, *Quest Project*, Shell
  - **Don Warton**, *Vice President*, *Sustainable Development*, TransAlta
  - **Martin Lambert**, *CEO*, Swan Hills
  - **Gary Weilinger**, *Vice President*, *Strategic Development and External Affairs*, Spectra Energy
- Discussion and development of Action Items

**Session V**  
Monday full day session  
Co-Chairs:

Agriculture



**Richard Marz**,  
*MLA*,  
Alberta

**Gary Furiman**,  
Idaho Farm Bureau

Livestock Health



**Dr. Bill Barton**,  
ID State  
Veterinarian

**Dr. Larry Delver**,  
Alberta Beef  
Producers

**Cross-Border Livestock Health Conference – Herald/Doll (Third floor)**

The PNWER Agriculture Working Group has a long history of addressing animal health issues in our region. The working group is collaborating with the Cross Border Livestock Health Conference at the Summit for the second year. This two day conference will provide state and provincial veterinarians, government officials, animal health experts and related industry the opportunity to enhance cross border cooperation on animal health issues

- **Electronic Health Certification in Canada and the United States**
  - Animal Health E-Cert Project Update
    - **Carole-Lynn Pilon**, Canadian Food Inspection Agency (CFIA)
  - U.S. Electronic Health Certificate System – Global Vet Link
    - **Kevin Maher**, President, Global Vet Link
  - Panel Q & A, Open Discussion and Identification of Next Steps
- **Small Ruminant Market Access Restoration**
  - Historical perspective and global implications of the policy
    - **Dr. Lynn Tait**, Canadian Livestock Genetics Association
  - Industry Perspective - Access to the U.S. Market for Canadian sheep and lamb
    - **Kathy Parker**, Alberta Lamb Producers
  - U.S. Perspective
    - **Dr. Jim Logan**, Wyoming State Veterinarian
  - Panel Q & A, Open Discussion and Identification of Next Steps

12:30 pm – 2:00 pm



**Hon. Ed Stelmach**,  
*Premier of Alberta*

**Luncheon - Imperial Ballroom(Third floor)**

Featured Speaker: **Honourable Ed Stelmach**, Premier of Alberta

Followed by an energy CEO roundtable moderated by **Bruce Carson**, Executive Director of Canada School for Energy and Environment and featuring **Hal Kvisle**, TransCanada; **Doug Bloom**, Spectra Energy Transmission; and **Steve Reynish**, Marathon Oil.

Hosted by Canadian Association of Petroleum Producers (CAPP)





Capital Power's Genesee Generating Station - Warburg, Alberta

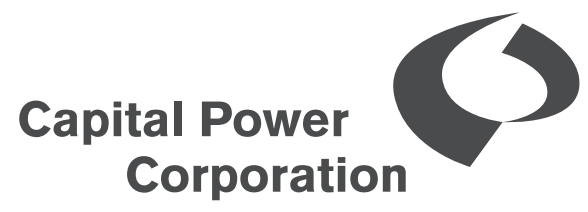
# Capital Power is pleased to welcome PNWER's delegates to Calgary

Capital Power is a growth-oriented North American power producer, building on more than a century of innovation and reliable performance.

Our vision is to be recognized as one of North America's most respected, reliable and competitive power generators. Headquartered in Edmonton, Alberta, Capital Power has interests in 31 facilities in Canada and the U.S. totaling approximately 3,500 MW of generation capacity.

Capital Power is working towards tripling our power generation capacity to 10,000 MW by 2020.

[www.capitalpower.com](http://www.capitalpower.com)



**Monday, Cont.**

2:00 pm – 4:30 pm

*Concurrent Sessions:* Arctic Caucus, Water Policy, Healthcare, Energy II: Transmission, Cross-Border Livestock Health Conference

**Session I**

Monday: 2:00 pm – 4:30 pm

Chair:



Sen. Lesil McGuire,  
Alaska

**Arctic Caucus – Stephen Room (Third Floor)**

The Arctic is poised to have a tremendous impact on the economy, transportation, and security of the region. This session will explore regional priorities leading to a symposium in the fall of 2010

- Adopt a mission statement for the PNWER Arctic Caucus
  - Proposed: “To provide and forum to share information and develop regional policies related to the Arctic and Arctic development.”
- Discuss purpose and topics for September 2010 Arctic Caucus session in Barrow, AK. Possible topics:
  - Spill response and regional resilience
  - Infrastructure development
  - Sustainable communities
  - Opportunities for collaboration
  - First Nation and Tribal
- Discussion and development of Action Items

**Session II**

Monday full day session

Co-Chairs:



Rep. John “Bert”  
Stevenson  
Idaho



David Hill  
Program Manager  
AB Water  
Research Inst.

**Water Policy – Imperial Ballroom 5 (Third Floor)**

- Update from the recent Western Canada Premiers Conference, and BC’s Living Water Smart Program, Water Act Modernization Process and the Water Science Strategy
  - **Honourable Barry Penner**, *Minister of Environment*, British Columbia
- Crown of the Continent - Crown Managers Partnership: Regional trans-boundary collaboration in the Rockies. The Crown Managers Partnership seeks to demonstrate leadership in addressing environmental management challenges in the Crown region by adopting transboundary collaborative approaches
  - Panel of CMP Steering Committee members:
    - **Caryn Miske**, *Executive Director*, Flathead Basin Commissioner (Kalispell, MT)
    - **Tom Bell**, *Regional Manager*, BC Environment (Nelson, BC)
    - **Ian Dyson**, *Director*, Cumulative Effects Strategy, Alberta Environment (Lethbridge, AB)
- **Special presentation on adaption and sustainability**
  - “A Fire to be Ignited”—Addressing issues associated with achieving high levels of performance and innovation when addressing seemingly complex problems, and achieving new thinking in established organization structures
    - **The Honorable Daniel S. Goldin**, *Chairman, President & CEO*, The Intellis Corporation (*Mr. Goldin holds the unique distinction of being the longest-serving Administrator in NASA’s history, serving three presidents from 1992-2001*)



# Making Alberta's future bright.

As an industry leader and innovator, we are investing in creating a better energy future for Alberta.



- Producing renewable energy and enabling customers to create their own
- Developing forms of generation that have less impact on the environment
- Introducing ENMAX's "Drive Into The Future" electric vehicle pilot program
- Sharing lessons on energy innovation and conservation

Visit us at [enmax.com](http://enmax.com)



# WE WILL GENERATE A KILOWATT OF RENEWABLE ENERGY FOR EVERY KILOWATT OF POWER OUR OPERATIONS CONSUME.

 GLOBAL100

 2010  
Canada's Greenest  
Employers

At Enbridge, we're big believers in balance. This is why we're generating a kilowatt of renewable energy for every kilowatt of electricity we use to power our pipelines. That's not only good for the environment, it's good for business.

Our growing interests in green energy – including wind, solar, heat recovery and hybrid fuel cells – generate attractive returns for investors. Currently our investments in renewable and alternative power have the capacity to produce up to 560 megawatts of electricity, which is enough to meet the energy needs of approximately 180,000 Canadian homes.

As one of the world's 100 most sustainable companies – and one of Canada's Greenest Employers – we're delivering far more than energy. We're delivering on our commitment to achieve a neutral environmental footprint.

Visit [enbridge.com](http://enbridge.com) to learn more.

  
Where energy meets people™

**Monday, Cont.****Session III**

Monday: 2:00 pm – 4:30 pm

Co-Chairs:



Rep. Julie French  
Montana



John Sproule  
Sr. Policy Director  
Inst. of Health

**Healthcare – Bannerman/Walker (Third Floor)**

- Tele-health, tele-care, and self-care technologies: Helping people help themselves
- Technologies for the future health system
  - What works? Who Pays?—Harnessing Private and Public Sector Innovation
    - **John Sproule**, *Senior Policy Director*, Institute of Health Economics (Alberta)
    - **Trevor Craddock**, *Past-President*, Canadian Society on Telehealth (British Columbia)
    - **Mark Attridge**, *Attridge Consulting* (Minneapolis, MN)
    - **Joan Berezanski**, *Executive Director*, Clinical Advisory and Research Branch, Alberta Government (Alberta)
- Border health issues
  - “Bugs Know No Borders”: Update on cooperative efforts through the Pacific NorthWest Border Health Alliance
    - **Wayne Dauphinee**, *Executive Director*, Pacific Northwest Border Health Alliance (PNWBHW)
- Discussion and development of Action Items

**Session IV**

Monday: 2:00 pm – 4:30 pm

Co-Chairs:



Rep. George  
Eskridge Idaho State  
Legislature



Paul Manson  
President,  
Sea Breeze Power  
Corp.

**Energy II: Regional Transmission – Imperial Ballroom 7/9 (Third Floor)**

This session will include a high level roundtable discussion with the Energy Legislative Chairs and Minister’s Task Force. The focus will be on ‘How can the region remain competitive with low cost electricity, and access the region’s renewable power? What are the barriers to transmission? What action steps can we take to move forward on upgrading our transmission capacity in the bi-national region?’

- Overview of resources and load
  - **Mary Hemmingsen**, *Vice President, Business Development and Commercial Affairs*, Brookfield Renewable Power
- Expansion of Markets through Transmission Technologies
  - **Dr. Roger Gale**, *President & CEO*, GF Energy
- Overview of key transmission projects and status
  - **Hank Petranik**, *Vice President Liquid Natural Gas/Compressed Natural Gas - Vice President Power Transmission*, TransCanada
  - **John van’t Hof**, *Montana-Alberta Tie Line (MATL)*
  - **Scott Thon**, *CEO*, AltaLink
  - **Gary Holden**, *CEO*, ENMAX
  - **Ron Lenfest**, *Senior Vice President Business Development*, Juan de Fuca Cable, Sea Breeze Pacific
  - **Syd Berwager**, *Bonneville Power Administration*
- Legislative response, moderated by **Jeff Morris**, *Director*, PNWER Energy Horizon Project
- Roundtable and Action Item discussion, facilitated by **Dean Sutherland**, *Senior Manager of Government Affairs*, Clark County PUD
- Discussion and development of Action Items

**Monday, Cont.**

**Session V**

Monday full day session

Co-Chairs:

**Agriculture**



**Richard Marz,**  
MLA,  
Alberta



**Gary Furiman,**  
Idaho Farm Bureau

**Livestock**



**Dr. Bill Barton,**  
ID State  
Veterinarian



**Dr. Larry Delver,**  
Alberta Beef  
Producers

**Cross Border Livestock Health Conference – Herald/Doll (Third Floor)**

**Animal Diseases**

- **Anaplasmosis**
  - Current Situation and CFIA’s Anaplasmosis Review
    - **Dr. Jim Clark**, Canadian Food Inspection Agency (CFIA)
  - Impact of Anaplasmosis on Industry
    - **Kevin Boon**, BC Cattlemen’s Association (BCCA)
  - Research update on vectors
    - **Dr. Tim Lysyk**, Agriculture and Agri-Food Canada
  - Panel Q & A, Open Discussion and Identification of Next Steps
  
- **Brucellosis**
  - Update on Brucellosis situation in Idaho
    - **Dr. Bill Barton**, Idaho State Veterinarian
  - Federal Brucellosis program in the U.S.
    - Research update on safety and efficacy of RB51 vaccine in adult cows
      - **Dr. Ryan Clark**, USDA APHIS
  - Brucellosis – What happened in British Columbia?
    - **Dr. Jim Clark**, CFIA
    - **Kevin Boon**, BCCA
  - Panel Q & A, Open Discussion and Identification of Next Steps

6:00 pm	<b>Pre-Reception – Grand Foyer (Third Floor)</b> Hosted by the Government of Canada
6:30 pm	<b>President’s Banquet – Imperial Ballroom (Third Floor)</b> Hosted by ConocoPhillips

9:00 pm **Hospitality Suite – Hyatt Regency Atrium (Third Floor)**  
Hosted by APPEGA, APEGBC, and APEGS

7:00 am – 12:00 pm

**Registration – Grand Foyer (Third Floor)**

8:00 am – 9:00 am



**Jeff Morris,**  
Director,  
PNWER Energy Horizon  
Project

**Breakfast – Imperial Room (Third Floor)**

Legislative Energy Horizon Institute: A PNWER Success Story—Lead by **Jeff Morris**, Director, PNWER Energy Horizon Project  
Hosted by Nexen

8:00 am – 3:00 pm  
Full day session

**Bio Energy in the West: A Business and Policy Forum – Stephen Room (Third Floor)**  
Full day agenda below

- Overview of the U.S. and Canadian Policy Framework
  - U.S. perspective
    - **David Sjoding**, Washington State University Renewable Resources Specialist and Team Leader, Pacific Region Bio-energy Partnership
  - Low carbon framework for road transportation fuels—A Shell Canada perspective
    - **Robert A. Cooper**, Supply Projects Lead, Shell Canada Products
- Showcase of innovative companies developing, serving, and building cross-border, bio-energy markets. Moderated by **Michael Weedon**, Executive Director, BC Bioenergy Network
  - Nexterra
  - Lignol
  - Targeted growth
  - Canadian bio-coal
  - Highmark Renewables
- Research, innovation, and early-stage commercialization
  - Panel discussion moderated by **Alex MacLeod, Ph.D.**, Senior Science and Technology Advisor, Sustainable Bio-energy and the Bio-economy, Office of Energy Research and Development (OERD), featuring:
    - **Stan Blade, Ph.D.**, CEO, Alberta Innovates—Bio Solutions
    - **J. Richard Hess, Ph.D.**, Biomass Program Technology Manager, Idaho National Lab
    - **Don Stevens, Ph.D.**, Sr. Program Manager, Biomass Business Sector, Pacific Northwest National Lab
    - **Jack Saddler, Ph.D.**, Department of Forestry, University of British Columbia
- Procurement opportunities and market demand, moderated by **Jeff Morris**, Director, PNWER Energy Horizon Project
  - Review of recent RFP for renewable energy sources
    - **Will Einstein**, Manager, Emerging Technologies and Climate Change, Puget Sound Energy
  - Upcoming RFP for bio-energy
    - **Robert Cromwell**, Director, Renewable Resource Acquisition, Seattle City Light
  - Recent Clean Power calls
    - **Martin Kincade**, Bio-energy Power Acquisitions, BC Hydro

- Alaska Energy
  - **Denvany Plentovich**, *Program Manager—Biomass, Alaska Energy Authority, State of Alaska*
- Project Funding
  - **Alberta Climate Change and Emissions Management Corp.** (Invited)
- District energy and bio-gas projects
  - **Andrew Mc Vie**, *Business Development Manager, Terasen Gas*
- Pacific Region Bio-Energy Partnership—WA, OR, ID, AK, MT
  - **David Sjoding**, *Team Leader, Washington State University*

8:30 am – 12:15 am

**Policy Tour - Grand Foyer #1 (Third Floor)**  
 Drake Solar Landing Community, City of Okotoks (*Pre-registration required*)

9:00 am – 5:00 pm

**Family Tour - Grand Foyer #1 (Third Floor)**  
 Badlands tour, including Drumheller and the Royal Tyrell Museum  
 (*Pre-registration required*)

9:15 am – 12:15 pm

*Concurrent Sessions: Environment, Agriculture/Cross-Border Livestock Health, Women in Natural Resources, Bio Energy in the West (Begins at 8:00am)*

**Session I**

Tuesday: 9:15 am – 12:15 pm

Co-Chairs:



**Hon. Rob Renner**,  
*Minister of the Environment  
 Alberta*



**Mark Bowen**  
*President,  
 CH2M Hill*

**Environment – Imperial Ballroom 7/9 (Third Floor)**

- Overview—Oil Sands opportunities and environmental challenges
  - Basic primer on oil sands, including their potential and their contribution to Canada and U.S. energy needs
  - Basic environmental impacts of oil sands development
  - Outline of government policy framework—LUF, LARP, Management frameworks, etc., cumulative effects management—message of strong innovative leadership
  - Per barrel improvement in oil sands environmental performance; Challenges in this area of growth
    - **Bev Yee**, *Assistant Deputy Minister, Environmental Stewardship, Government of Alberta*
- Industry’s view of Oil Sands challenges and Opportunities
  - Investment in new technologies to limit environmental footprint of oil sands development
  - Focusing on sustainability in a low carbon future
  - Developing and employing technologies to minimize environmental impacts
    - **Jim Hand**, *Vice President, Surmont Phase 2, ConocoPhillips*
- Water issues and actions
  - **Preston McEachern**, *Section Head, Research Science & Innovation, Government of Alberta*
- Air Quality/GHG Issues and Actions
  - **Randall Barrett**, *REM Manager, Environmental Management, Government of Alberta*
- Industry Roundtable: A look ahead at oil sands development and environmental stewardship
  - Moderated by **Gary Holden**, *Board member of the Climate Change Emissions Management Corps; CEO, Enmax*
- Discussion and development of Action Items





## Proud Supporter of the PNWER Summit

TransCanada is a leader in the responsible development and reliable operation of North American energy infrastructure. Our network of more than 60,000 kilometres (37,000 miles) of pipeline taps into virtually all major gas supply basins in North America. TransCanada is one of the continent's largest providers of gas storage and related services with approximately 380 billion cubic feet of storage capacity. A growing independent power producer, TransCanada owns, controls or is developing approximately 11,700 megawatts of power generation.

Integrity, Collaboration, Responsibility and Innovation these are the values that guide us. These values are reflected in our emphasis on energy efficiency, in our stewardship of the environment, in our culture of safety and in our community involvement. It is how we do business and is why TransCanada is well positioned for continued success.



**TransCanada**  
*In business to deliver*



**Canadian Natural**

# *A Sustainable Future, Clearly Defined*

**Our mission statement: To develop people to work together to create value for the Company's shareholders by doing it right with fun and integrity.**

## *Environment*



In 2009, Wāpan Sākahikan (Cree for Horizon Lake) received the Canadian Association of Petroleum Producers Environmental Stewardship Award in 2009. It is the first fisheries compensation lake constructed in the oil sands.

## *Economy*



## *Society*



Canadian Natural employees show their giving spirit every year by supporting the United Way campaigns. In 2009 we raised over \$2 million and helped build a community garden in Calgary.

Canadian Natural employs over 4,000 Canadians. Our company also creates many opportunities for businesses across Canada. For just the construction phase of Canadian Natural's Horizon Oil Sands, \$10.9 billion of such goods and services were purchased from 559 firms and institutions across the country.

**Canadian Natural welcomes PNWER delegates to Calgary**

## Tuesday Con't.

### Session II

Tuesday full day session

Co-Chairs:

#### Agriculture



**Richard Marz,**  
MLA,  
Alberta



**Gary Furiman,**  
Idaho Farm Bureau

#### Livestock



**Dr. Bill Barton,**  
ID State  
Veterinarian



**Dr. Larry Delver,**  
Alberta Beef  
Producers

### Agriculture: Cross Border Livestock Health Conference – Herald/Doll (Third Floor)

- Lessons Learned -H1N1 – dealing with an emerging disease
  - Making Decisions on the Unknown
    - **Dr. Jim Clark**, Canadian Food Inspection Agency (CFIA)
  - Logistics - euthanasia, carcass disposal
    - **Jeff Hill**, Alberta Agriculture and Rural Development (ARD)
  - Occupational Health and Safety
    - **Sandra Coventry**, ARD
  - Panel Q & A
- Looking Forward: Emergency Response Preparedness – Foot and Mouth Disease
  - Panel Discussion
    - Industry Perspectives
      - **Rob McNabb**, Canadian Cattlemen's Association(CCA)
      - **Aaron Canart**, Agri-beef
    - Government Perspectives
      - **Dr. Jim Clark**, CFIA
      - **USDA - TBA**
  - Panel Q & A, Open Discussion and Identification of Next Steps
- Afternoon session: Policy Tour—University of Calgary, Faculty of Veterinary Medicine

### Session III

Tuesday: 9:15 am – 12:15 pm

Co-Chairs:



**Rep. Glenn Anderson**  
Washington



**Dave Zeponi**  
President,  
NW Food Processors  
Assoc.

### Innovation - Bannerman/Walker (Third Floor)

#### A Regional Innovation Challenge: Compete Globally, Act Regionally --

The competitive landscape of the global economy, coupled with worldwide environmental challenges, is creating unprecedented demand for scientific discovery and application. The Pacific Northwest region must channel the strengths of its many separate resources into a collaborative, comprehensive effort that maximizes the economic benefits of regional innovation.

- Provincial innovation perspectives
  - **Dr. Ronald Dyck**, *Assistant Deputy Minister, Research*, Alberta Ministry of Advanced Education and Technology
- Session sponsor: University of Alberta, guest speaker
  - **Dr. Randy Yatscoff**, *Executive VP, Business Development*, TEC Edmonton
- Dynamics of the private sector investment in innovation: Why funding access is not enough
  - **Mike Wilson**, Idaho Innovation Council
- Innovation & Social Network Analysis (SNA) techniques and unique nanotechnology development
  - **Mick Stadler**, *Chairman and CEO*, Cerion Enterprises/Cerion Energy
- Session discussion

Tuesday, Cont.

- What type of regional strategy can best be implemented within the next 24 months?
- What are the 3 action steps needed to move from discussion to action?
- Next Steps for the Winter Meeting – Washington State
  - **Egils Milbergs**, *Executive Director*, Washington Economic Development Commission (WEDC)
- Discussion and development of Action Items

Session IV

**Women in Natural Resources – Imperial Ballroom 5 (Third Floor)**  
*Invitation Only*

12:30 pm – 2:00 pm



**Hon. Iris Evans**,  
*Minister of International and Intergovernmental Relations, Alberta*

**Final Plenary Luncheon – Imperial Ballroom (Third Floor)**  
 Featuring **Honourable Iris Evans**, *Minister of International and Intergovernmental Relations, Alberta*  
 Introduction by Kate Chisholm, Senior Vice President, General Counsel and Corporate Secretary  
 Hosted by Capital Power

2:00 pm – 4:30 pm

**“Bio-energy in the West” Business Program, Part II– Imperial Ballroom (Third Floor)**  
*Continued from morning session*

2:00 pm – 5:00 pm

**PNWER Executive Committee Meeting – Imperial Ballroom 5 (Third Floor)**  
*All participants are encouraged to attend*

2:00 pm – 5:00 pm

**Concurrent Policy Tours (All tours require pre-registration) - Grand Foyer #1 (Third Floor)**  
 University of Calgary: Life Science Innovation  
 WestJet Campus Tour  
 TR Lands, Calgary Technologies, and Smart Technologies  
 University of Calgary: Faculty of Veterinary Medicine, Clinical Skills Building

**Wednesday, July 21**

- 7:00 am – 7:00 pm      **Policy Tour - Grand Foyer #1 (Third Floor)**  
Oil Sands – **All Meals to be provided** (Invitation only) – Departs promptly at 7:00 am
  
- 7:30 am – 9:00 am      **Continental Breakfast – Imperial Ballroom (Third Floor)**
  
- 8:30 am – 3:00 pm      **Policy Tour – Grand Foyer #1 (Third Floor)**  
NOVA Chemical Petro-Chemical Plant in Joffre, Alberta (*Pre-registration required*)
  
- 8:00 am – 5:00 pm      **Family Tour - Grand Foyer #1 (Third Floor)**  
Banff & Lake Louise Excursion (*Pre-registration required*)  
Tour brought to you by ENMAX
  
- 9:00 am – 5:00 pm      **Policy Tour - Grand Foyer #1 (Third Floor)**  
Water Policy at the University of Lethbridge

**United States Department of Agriculture**  
Animal and Plant Health  
Inspection Service

**APHIS**



A proud supporter of Idaho, Oregon, and Washington's  
firewood public outreach campaign  
[dontmovefirewood.org](http://dontmovefirewood.org)



MEYERS NORRIS PENNY LLP



**We know that agriculture is more than your livelihood; it's your life.**

As a proud supporter of the Cross Border Livestock Health Conference, we understand the unique challenges you face. Working with you one-on-one, we provide customized solutions from a local perspective that helps your operation prosper.

It's knowing your vision, your business and you.

**At MNP it begins with a relationship. To find out what MNP can do for you, contact Scott Dickson, CA at 403.356.1250.**

**Enmax Downtown District Energy Centre and TransCanada Pipeline Control Room**



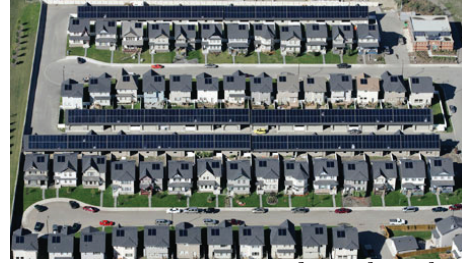
2:00 pm - 5:00 pm Friday, July 16th

Tour the ENMAX Downtown District Energy Centre, a world-class heat generating facility capable of providing heat for up to 10 million square feet of new and existing residential and commercial buildings.

During a tour of the District Energy Centre PNWER delegates will also have an opportunity to learn about the proposed Bonnybrook Energy Centre, a Combined Heat and Power (CHP) facility that uses natural gas to generate electricity and capture waste heat.

Following the Centre, delegates will get the opportunity to tour the TransCanada Pipeline control room, where they will learn more about TransCanada’s 60,000 km of pipeline.

**Drake Landing Solar Community and the City of Okotoks Sustainable Energy Tour**

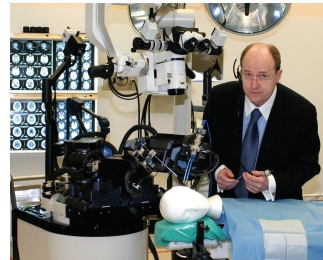


9:15 am - 12:15 pm Tuesday, July 20th

Tour the town of Okotoks and the Drake Landing Solar Community. The first of its kind in North America, Okotoks’ Drake Landing Solar Community is heated by a system of 804 solar thermal panels located on the garage roofs of the homes for the district space heating system with two additional solar thermal panels on each home’s roof for their personal domestic hot water heating. The solar heat is collected via a glycol solution which is transported to the Energy Centre for short term and long term storage.

This unprecedented system provides 90% of each home’s space heating requirements, resulting in less dependency on limited fossil fuels.

**Life Science Innovation – New Technology and Health at the University of Calgary**



2:00 pm - 5:00 pm Tuesday, July 20th

Take a glimpse into the future of medicine with a visit to the University of Calgary. Immerse yourself in innovation and the application of new technology to health care.

Explore the “living laboratory” at The Ward of the 21st Century and see how they are defining the future of health care and innovating, educating, and evolving to create new paradigms of health care delivery in partnership with Alberta Health Sciences.

Following that, learn about the neuroArm, the world’s first MRI-compatible surgical robot capable of both microsurgery and image guided biopsy. Includes a discussion on the project and its success and potential.

*All policy tours require pre-registration*

## Technology Innovation with TR Labs, Calgary Technologies Inc., and SMART Technologies



2:00 pm - 5:00 pm Tuesday, July 20th

The ability of companies to develop and commercialize new technology is a key component of the competitiveness of any economy. Learn how technology innovation strengthens the Alberta economy with this three business tour.

TR Labs in Canada's largest information and communications technology consortium; Calgary technologies serves as a business accelerator for technology entrepreneurs through programs, services and resources designed to help build small- to medium-sized companies; and SMART Technologies is the global leader in interactive white board technology.

## Transportation Gateway: Calgary International Airport and West Jet Campus



2:00 pm - 5:00 pm Tuesday, July 20th

Take a behind the scenes tour of the Calgary International Airport, one of eight Canadian airports with US Border pre-clearance facilities and headquarters of WestJet Airlines.

The WestJet Campus is a newly developed 325,000 sq ft. LEED Gold corporate campus for Canada's leading high-value, low-cost airline. WestJet was named one of Canada's most admired corporate cultures, and it continues to be one of the most profitable airlines in the world.

This tour will immerse you in the economy and future of air transportation in Alberta.

## Veterinary Medicine Leadership at the University of Calgary



2:00 pm - 5:00 pm Tuesday, July 20th

The University of Calgary Faculty of Veterinary Medicine (UCVM) is Canada's fifth accredited veterinary college and the first veterinary college located in the province of Alberta.

UCVM is committed to strengthening the connections between human and animal medicine, a concept known as One Health.

A showpiece of the Faculty, the Clinical Skills Building on the Spy Hill Campus is the site of hands-on clinical and diagnostic learning in the DVM Program and clinical and applied research.

## Water Policy and Irrigation Innovation at the University of Lethbridge



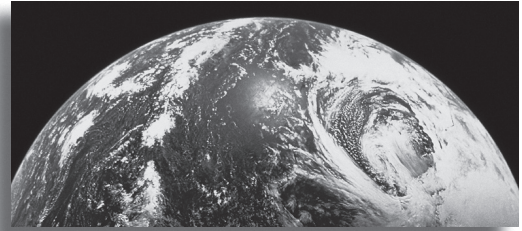
9:00 am - 5:00 pm Wednesday, July 21st

Agriculture is a significant economic driver in Southern Alberta and the research and business activities of the University of Lethbridge, Alberta Water Research Institute and the Alberta Irrigation Projects Association are a testament to this fact.

Tour the state-of-the-art Alberta Water and Environmental science facility, hear presentations from internationally-recognized researchers, as well as a field tour that demonstrates best practices in irrigation. Explore leading practices in water management, with a focus on water use in the agriculture and agri-foods sectors.

## Meeting the world's energy demands will require one thing. The world.

The world's population grows by 250,000 people every 24 hours. It's expected that 8 billion people will occupy the earth in 2030, up from 6.5 billion today. Affordable and accessible supplies of energy are essential to economic growth and a reasonable standard of living. With oil and natural gas expected to meet some 60 percent of the world's demand in 2030, it's a global challenge. Which is why Marathon is at work applying technology and building unique partnerships to deliver the energy people need. From our multibillion-dollar investment in Canadian oil sands that contribute to North American energy security, to our significant exploration, production and development projects around the world, Marathon is committed to not only producing energy, but doing so in an environmentally sustainable way that creates long-term, mutually beneficial results. Responding to realities. That's Marathon.



**Marathon.com**



All family tours require preregistration

### Calgary City Tour with Heritage Park

Friday, July 16  
12:00 pm - 4:30 pm

Calgary's legendary western roots and pioneering spirit are still evident in today's dynamic city. This excursion highlights the city's major historic and modern attractions and includes a visit to Heritage Park Historical Village. Experience the old west in this fully operational town, where the buildings date back to the early 1900's. Explore the town bakery, blacksmith shop, and Wainwright Hotel. You may also take a steam locomotive train ride or paddle wheel boat ride (not included in the price of admission).

*Includes round-trip transportation, Brewster guide, driver gratuity, and Heritage Park Admission*

Cost: ~~\$80~~ \$45 - Save \$35!



### Calgary City Sights and Canada Olympic Park

Monday, July 19  
9:00 am - 2:00 pm

Calgary's legendary western roots and pioneering spirit are still evident in today's dynamic city. This excursion highlights the city's major historic and modern attractions emphasizing facilities constructed for the 1988 Winter Olympics Games.

As the premiere site of the XV Olympic Winter Games in Calgary, Canada Olympic Park is perhaps the most visible legacy of the 1988 Games—truly a one-of-a-kind attraction. C.O.P. continues to function as a multi-purpose competition, training and recreation area designed for a year-round use by both athletics and the general public. Admission includes entrance to the park and a ride in a glass elevator to the top of the 90 metre Ski Jump.

*Includes round-trip transportation, Brewster guide, driver gratuity, and C.O.P. admission/tour and lunch.*

Cost: ~~\$115~~ \$65 - Save \$50



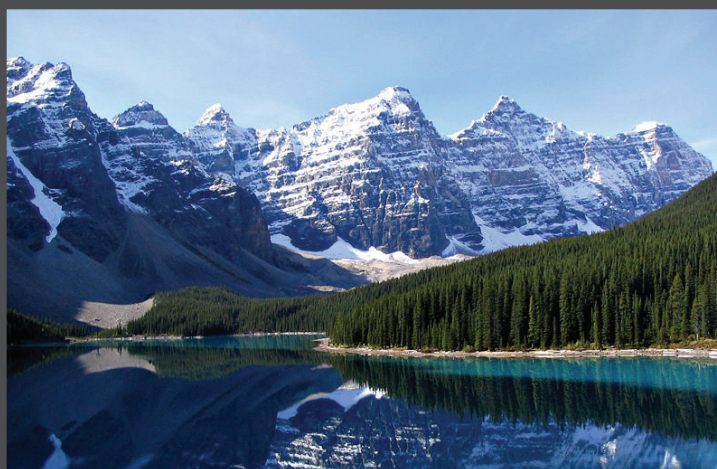
### Badlands Tour including Drumheller and Royal Tyrell Museum

Thursday, July 20  
9:00 am - 5:00 pm

This excursion takes you northeast of Calgary into a unique landscape known as the Badlands. View the spectacular geological formations representing 70 million years of history carved in the land. If Canada has a dinosaur capital Drumheller is it. The city lies in the heart of the parched, eroded Alberta Badlands that may be the world's greatest repository of dinosaur fossils. Your tour of the area includes a visit to the Royal Tyrell Museum of Paleontology with its 800-fossil collection including Tyrannosaurus Rex and Stegosaurus. Your tour includes a motorcoach excursion along the Dinosaur Trail for views of hoodoos, the Swinging Bridge and Horseshoe Canyon.

*Includes round-trip transportation, Brewster guide, driver gratuity, and Royal Tyrell Museum Admission.*

Cost: ~~\$105.50~~ \$60 - Save \$45.50



### Banff and Lake Louise Excursion

Wednesday, July 21  
8:00 am - 5:00 pm

Calgary is your gateway to Banff National Park. Travel across the Olympic city, through the foothills and into the majestic ranges of the Canadian Rockies where you discover Banff and the world-famous Lake Louise.

As you explore Banff, enjoy stops at the Hoodoos, Tunnel Mountain Drive, Bow Falls, and the Banff Gondola, where you will take a 8-minute ride abroad a gondola to the top of Sulphur Mountain for spectacular views of the town and surrounding area. Then continue your tour to Lake Louise, known as the "Jewel of the Canadian Rockies." Lake Louise is one of the sights most often preserved in photographs by visitors the world over. Enjoy some free time at Lake Louise and in Banff heading back to Calgary.

*Includes round-trip transportation, Brewster guide, driver gratuity, and admission to Banff Gondola.*

Cost: ~~\$110~~ \$65 - Save \$45



**right source**



**right rate**



**right time**



**right place**



*Agrium is proud to be recognized as one of Canada's Top 100 Employers in 2010.*

Agrium's commitment to sustainable nutrient management utilizes the **Canadian Fertilizer Institute's (CFI) best management practices** that ensure our nutrients are applied with the **Right Source@Right Rate, Right Time, Right Place™**. This provides growers with sustainable economic returns while protecting the environment and providing people with the nutrients they need.

*Agrium is a proud sponsor of the 2010 Pacific NorthWest Economic Region 20th Annual Summit*

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# “I GREW UP ON A FARM. I KNOW WHAT IT MEANS TO HAVE THE LAND RESTORED.”

Getting a forest started is the critical part of reclaiming the land. For years, at oil sands drilling locations, we started the process by planting grass, and it would take 10 to 20 years for the trees to emerge from the natural seed bank. Recently, drawing on research from the University of Alberta, we learned how to create conditions that allow us to plant aspen, spruce and pine seedlings right away. So now, the forest can re-establish itself in a few years, rather than a few decades.

Finding innovative ways to limit environmental impacts is key to meeting our energy needs responsibly.

Get the real story at [capp.ca/oilsands](http://capp.ca/oilsands)



Garrett Brown  
ConocoPhillips

## A message from Canada's Oil Sands Producers



The Canadian Association of Petroleum Producers (CAPP) represents member companies that produce approximately 90 per cent of Canada's natural gas and crude oil, including Canada's Oil Sands Producers.

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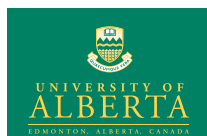
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Assuring Our Energy Future  
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PHOTOGRAPH BY C. BRUCE FORSTER



# PNWER Economic Leadership Forum

November 17-20, 2010  
Skamania Lodge  
Stevenson, Washington

For updates and other details, visit:  
[www.pnwer.org](http://www.pnwer.org)



*Skamania Lodge*  
*in the Columbia River Gorge*



OFFICE OF MAYOR SAM ADAMS  
CITY OF PORTLAND



Dear Friends,

On behalf of the residents of our city, it's my pleasure to invite you to Portland, Oregon, July 19-22, 2011, for the 2011 PNWER Summit. Our theme for 2011 is "Toast to Innovation," and we are eager to share with you everything innovative that Portland has to offer, from clean technology to beer technology.

Portland is recognized globally as a leader in sustainable development, and Portland's residents and visitors know our city as one of the most livable cities in the world. With the Cascade Mountains to the east and the Pacific coast to the west, Portland is renowned for its natural beauty and commitment to preserving green space. Portland also boasts a vibrant arts and culture community and an active local, organic, and artisanal food scene.

During your stay, I invite you to experience all of the things that make Portland such a unique and remarkable city. You can enjoy our multi-modal transit system, and browse our famous bookshops. Explore our compact urban form and design, and have a bite out one of our many farmers' markets. Study our green building practices, and take a walk in the largest urban forest in America.

Portland is a living laboratory on all these fronts, and offers the perfect venue for us to come to together and discuss our shared future. Ultimately, our success depends on our ability to strengthen the ties between our states and provinces, be it in high speed rail or power transmission. This is a critical time for our region, challenging us to look around the corner for the next opportunities in technology, new sources of energy, and different approaches to community and mobility.

I look forward to sharing all this and more with you next year at the 2011 PNWER Summit.

Sincerely,

Mayor Sam Adams

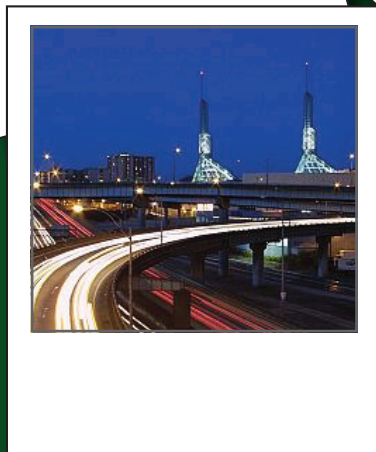


# PNWER 21st Annual Summit

Portland, Oregon

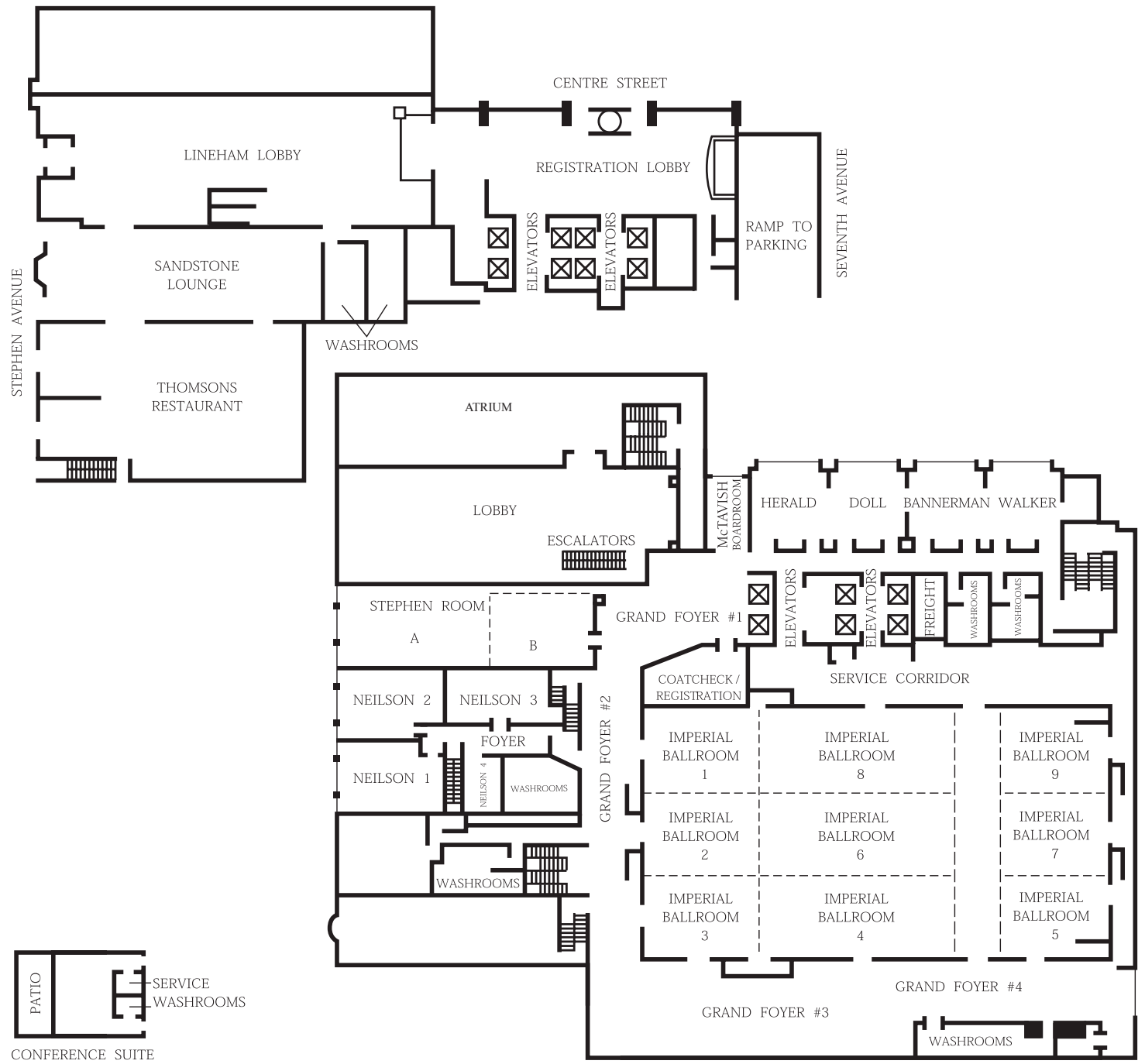


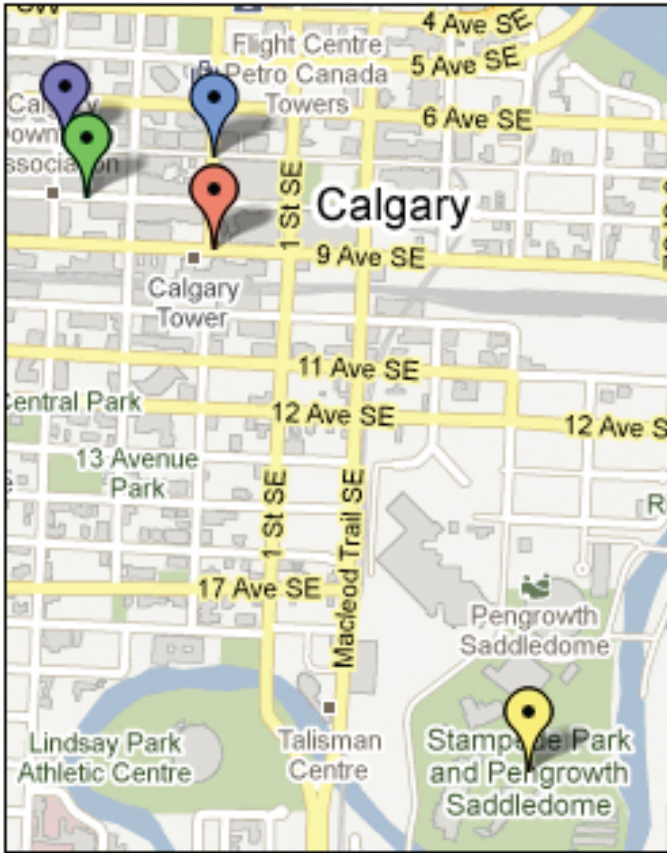
## *A Toast to Innovation*








Save the Date  
July 19 - 22, 2010

# Hyatt Regency Room Map





-  [Hyatt Regency Calgary](#)  
700 Centre Street Southeast
-  [Calgary Marriott Hotel](#)  
110 9 Avenue Southeast
-  [Flames Central](#)  
219 8 Avenue Southwest
-  [WEST restaurant and bar](#)  
225 7 Avenue Southwest
-  [Calgary Stampede](#)  
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