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## Jim Kenyon takes the helm for 2006-2007

PNWER's new President, the Hon. Jim Kenyon - a veterinarian from the Yukon - was born in Massachusetts. Being a dual national gives Kenyon, Minister for Economic Development, a unique perspective on cross-border issues.

In fact, he is the first dual national or Yukoner to serve as President of the Pacific NorthWest Economic Region (PNWER).

Kenyon assumed the presidency of PNWER on the last day of the Annual Summit in Edmonton. After receiving the gavel from Rep. Glenn Anderson (WA), Kenyon outlined his goals for the



PNWER's new president, the Hon. Jim Kenyon (left), with the outgoing president, Rep. Glenn Anderson

upcoming year at the closing banquet. In addition to continuing PNWER's work

on regional energy planning and homeland security issues, Kenyon also wants to focus on workforce development, transportation corridors and working more closely with the Northwest Territory on issues of mutual interest - in particular, the Mackenzie Valley Delta pipeline project.

After the fall elections in the Yukon, Kenyon plans to travel throughout the region, meeting with both the public and private sector to build on the success of the past year and to expand PNWER's profile.

Kenyon is a member of the Yukon Party.

## PNWER Institutes the Robert F. Day Memorial Award



Robert Day at PNWER's Economic Leadership Forum (2005) in Whistler, BC

On June 29, Robert F. Day, TransCanada Pipelines Vice President of Public Sector Relations, passed away while on business in Washington, DC.

To honor him, PNWER announced the creation of the Robert F. Day Memorial Award to recognize private sector leaders who nurture and build relationships between legislators and the private sector with the intention of fostering economic development throughout the entire region.

The announcement was made at this year's Annual Summit following a luncheon keynote by Alberta Premier Ralph Klein. Hal Kvisle, CEO of TransCanada, was also present at the announcement.

This award is intended to recognize leaders who are able to build relationships with more than his/her company or indus-

try's goals in mind. Robert's commitment to the region and vision of public-private sector partnerships set a very high standard for others to follow.

Robert was one of the founding members of PNWER and was integral to our early development and growth. He will be remembered for his boundless energy and charm, along with his dedicated support for many professional and charitable causes.

PNWER offers its sympathies to Robert's family, his colleagues and his many friends.

He will be sorely missed.

## In Brief...

- PNWER's Executive Director, Matt Morrison presented an overview of the organization to the Center for Strategic and International Studies in Washington, DC entitled "Making the Border Work" (Sept. 11).
- As part of its homeland security activities, PNWER held a meeting of the Partnership for Regional Infrastructure Security in Seattle to prepare for a Pandemic Preparedness Forum in January 2007 (Oct. 5).
- In mid-October, Matt Morrison gave presentations at the Woodrow Wilson Center in Washington DC and before Canadian Senator Jerry Grafstein's Banking, Trade and Commerce committee in Ottawa.
- Jim McPherson, a senior executive at TransCanada, served as a Loaned Executive to PNWER in 2006, focusing on energy infrastructure policy. His contributions were much appreciated.
- PNWER's officers will conduct their annual visits to Juneau, Olympia, Salem, Boise and Helena in January 2007, followed by trips to Victoria, Edmonton and Whitehorse later in the Spring.
- The Alaska Host Committee has already met twice and is working hard to ensure a successful Annual Summit in Anchorage, Alaska (July 22-26, 2007). For more information visit: [www.pnwer2007.org](http://www.pnwer2007.org)

## Washington and British Columbia strengthen regional partnership

It should be no surprise that BC Premier Gordon Campbell and Washington State Governor Chris Gregoire have been working to strengthen the partnership between their two jurisdictions.

Earlier this summer, the two met in Vancouver to discuss a range of issues – most notably the Western Hemisphere Travel Initiative (WHTI). In addition to calling for a delay in implementing the passport requirement, the two agreed to:

- Establish a new B.C.-Washington Working Group to develop workable border security technology solutions and strengthen the security of identity documents,

- Improve co-ordination of emergency resources and support through the Pacific Northwest Emergency Management Arrangement,

- Formalize ongoing cross-border collaboration on potential public health emergencies, such as pandemic flu and the West Nile virus, and

- Address congestion at the border through improved communication, expanded use of intelligent transportation systems and increasing the number of NEXUS and FAST users;

The two also agreed to host annual summit meetings, hold a Joint Border Security Forum and examine shared economic and tourism opportunities related to the 2010 Winter Olympics.

Both Washington and British Columbia are home to more than 10 million people. More than \$10 billion in two-way trade travels between the two jurisdictions each year and an estimated 32,000 vehicles pass across the B.C.-Washington border every day. About 30 percent of all visitors to B.C. also travel to Washington and the Pacific Northwest and up to 25 percent of all visitors to the 2010 Olympic and Paralympic Winter Games in Vancouver are expected to travel through Washington state on their way to British Columbia.



Gov. Chris Gregoire and Premier Gordon Campbell at their Summit in Vancouver in June 2005

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#### Highlights

**2010 Winter Olympics: 2010 Sustainability Roundtable.** How can we showcase the Pacific Northwest's leadership role in sustainability technology and best practices to the world during the Olympics?

**Workforce:** How will the increasing labor shortage in the region affect business, our economy and the competitiveness of our products and services in the next 3-5 years? CEOs and Human Resource Directors will discuss the critical impacts of current and projected labor shortages and explore solutions to the barriers they face when dealing with regional workforce issues. What short term solutions can be identified to alleviate these barriers?

**Transportation:** Join regional port, transportation, and policy leaders and the Hon. David Emerson, Minister of International Trade and Minister for the Pacific Gateway and the Vancouver-Whistler Olympics (*initiated*) as we develop a bi-national strategy to solve the intermodal congestion and border issues necessary for our region to be the preferred Gateway to North America.

**Technology:** Hear from experts about the technologies that are currently being developed to enhance productivity and explore the policy issues that surround them. How will new technologies such as RFID and IT/telecom enhancements impact the way we do business?

The Pacific NorthWest Economic Region (PNWER) is a statutory, bi-national public/private partnership composed of legislators, governments, and businesses in the Northwest states of Alaska, Idaho, Montana, Oregon and Washington, and the Western Canadian provinces of British Columbia, Alberta, and the Yukon Territory. PNWER promotes greater regional cooperation by governments and business to enhance the region's global competitiveness, while striving to maintain or improve its environment.





## Pacific NorthWest Economic Region



# PNWER: A Bi-National Public/Private Partnership

## The Region's Future

With over 20 million people and over US \$700 billion in gross regional product, the US Pacific Northwest (Alaska, Idaho, Montana, Oregon and Washington) and Western Canada (Alberta, British Columbia and Yukon) is one of the fastest growing regions of North America. We are China and East Asia's gateway to North America, the host of the 2010 Winter Olympics and the site of 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 had a profound impact on policymaking."  
- Hon. Stockwell Day, Canada's Minister of Public Safety



"[PNWER] is a living testament to the close relationship between our two countries."  
- Michael Chertoff, US Secretary of Homeland Security

## Public and Private Sector Leadership

PNWER delivers results on regional issues through action plans developed by more than fourteen working groups corresponding to the region's key priorities. Each working group is co-chaired by an industry leader and legislator. Founded in 1991, PNWER is the only statutory, non-partisan, non-profit, bi-national, public/private partnership in North America. PNWER is the 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 and Whitehorse, and at the national level in Washington, DC and Ottawa.

## What is PNWER?

The Pacific NorthWest Economic Region (PNWER) is a regional U.S.-Canadian forum 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, and provides the public and private sectors a cross-border forum for unfiltered dialogue that capitalizes upon the synergies between business leaders and elected officials who work to advance the region's global competitiveness.



"There's no organization more important than PNWER to foster [and] nurture this relationship [between the US and Canada]."

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## Pacific NorthWest Economic Region



# PNWER : A Regional Leader on Key Priorities

## Homeland Security

Since 9/11, PNWER has brought together hundreds of public and private sector leaders in a series of infrastructure interdependencies exercises called Blue Cascades designed to make this region more disaster resilient. Public Safety and Emergency Preparedness Canada and the US Department of Homeland Security have recognized PNWER for its leadership role in this effort. PNWER recently launched the Center for Disaster Resilience. For info: [www.pnwer.org/portal](http://www.pnwer.org/portal)

REGIONAL DISASTER RESILIENCE



## Energy

PNWER has been tasked by the US Department of Energy to develop a bi-national Pacific NW Energy Planning Council. Industry representatives, provincial energy ministers and legislative energy committee chairmen, come together to address key issues in energy planning across jurisdictional and national boundaries, with an emphasis on multi-jurisdictional siting and permitting. PNWER is also facilitating further development of smart energy technologies, currently a US \$2 billion industry.



## 2010/Tourism

PNWER has established a 2010/Tourism Coordination Council to develop a regional business plan to market the Pacific Northwest to the world, facilitate business opportunities and promote the region as a destination before, during and after the Games. PNWER is also working with partners to increase public understanding of border-crossing requirement and establishing a 2010 Sustainability Showcase.



## Transportation

The Pacific Northwest is China/East Asia's gateway to North America and lies at the crossroads between APEC and NAFTA.



The future of the region's economy depends on a robust and dependable freight mobility and transportation system. PNWER brings together transportation ministers, govern-

mentors, legislators and private sector leaders to forge solutions that will benefit our entire region.

## Workforce Development

Over the next ten years, the region will attract over US \$250 billion in investment capital for some of the world's largest projects, including the Mackenzie Valley and Alaska Natural Gas Pipelines, the Alberta Oil Sands and the 2010 Winter Olympics in Vancouver. Taking advantage of these major economic devel-



opment opportunities will require a great deal of bi-national cooperation and coordination. PNWER has established a Workforce Development Task Force to ensure that we have the resources and skilled workforce to turn opportunities into true economic prosperity.

## Research and Development Exchange

The Pacific Northwest is fortunate to be home to world-class academic institutions and a high technology cluster. PNWER is initiating a new forum for Canadian and American researchers, businesses and students to work collaboratively in the exchange and commercialization of research and ideas - to provide a platform to develop the innovation, collaboration and capital needed for future wealth creation and growth opportunities.



## Pacific NorthWest Economic Region



### PNWER Working Groups (2006-2007)

#### Agriculture

Active on livestock health issues, such as animal identification and the sharing of best practices. Organizing an Animal ID Conference in Spokane, WA (January 2007)

*Co-Chairs: Ed Lord (Vice President, National Cattlemen's Beef Association); Richard Marz, MLA (Alberta Legislative Assembly)*

*Staff: Brandon Hardenbrook (brandon@pnwer.org)*

#### Border Issues

Focuses on ensuring greater security and mobility for goods and services across the Canada-US border. Works closely with US Department of Homeland Security and the Canada's Ministry of Public Safety and Emergency Preparedness on WHTI, perimeter clearance and related issues.

*Private Sector Co-Chair: Jim Phillips (President & CEO, Can/Am BTA); Public Sector Co-Chair: TBD*

*Staff: Ian Burkheimer (ianb@pnwer.org)*

#### Energy I

With funding from the US Department of Energy, Alberta Energy, and BC Ministry of Energy, Mines and Petroleum Resources, brings together key industry leaders from both countries to examine supply and demand issues, transportation, permitting across multiple jurisdictions, and many issues that must be dealt with to secure efficient, reliable, low cost and environmentally safe energy supply for our future.

*Public Sector Co-Chair: Mel Knight, MLA (Alberta Legislative Assembly); Private Sector Co-Chair: TBD*

*Staff: Neil Parekh (neil@pnwer.org)*

#### Energy II

Identifies emerging and renewable energy technologies and addresses related policy issues.

*Public Sector Co-Chair: State Rep. George Eskridge (Idaho State Legislature); Private Sector Co-Chair: TBD*

*Staff: Neil Parekh (neil@pnwer.org)*

#### Environment

Promotes coordinated research, development and marketing of environmental technologies and services. Also active on marine air pollution issues.

*Public Sector Co-Chair: Hon. Barry Penner (BC Minister of Environment); Private Sector Co-Chair: TBD*

*Staff: Ian Burkheimer (ianb@pnwer.org)*

#### Forestry

Has looked at sustainable forest practices in each jurisdiction, has worked on developing cross-border mutual aid agreements for firefighting. In 2005 PNWER's Forestry Working Group met jointly with the Western Legislative Forestry Task Force.

*Co-Chairs: TBD*

#### Health Care

With private sector support, is preparing the first bi-annual regional healthcare update to serve as a reference regarding health care innovations policies and best practices. Focused on methods for states and provinces to increase access and effective care while reducing healthcare costs. Has also addressed drug importation issues.

*Private Sector Co-Chair: John Sproule (Coastal Health); Public Sector Co-Chair: TBD*

*Staff: Brandon Hardenbrook (brandon@pnwer.org)*

#### High-Tech

With funding from the US Department of Commerce, has initiated a new forum for Canadian and American researchers, businesses and students to work collaboratively in the exchange and commercialization of research and ideas - providing a platform to develop the innovation, collaboration and capital needed for future wealth creation and growth opportunities.

*Co-Chairs: Lee Cheatham (Director, Washington Technology Center); Lee Kruszewski*

*Staff: Joy Howland (joy@pnwer.org)*



## Homeland Security

With funding from a wide range of public and private sector sources, has brought together hundreds of public and private sector leaders in a series of infrastructure interdependencies exercises called Blue Cascades designed to make this region more disaster resilient. Canada's Ministry of Public Safety and Emergency Preparedness Canada and the US Department of Homeland Security have recognized PNWER for its leadership role in this effort. PNWER recently launched the Center for Disaster Resilience. For info visit: [www.pnwer.org/portal](http://www.pnwer.org/portal)

*Public Sector Co-Chair: Major Gen. Timothy Lowenberg (The Adjutant General, Washington State Military Department); Private Sector Co-Chair: TBD*

*Staff: Brandon Hardenbrook ([brandon@pnwer.org](mailto:brandon@pnwer.org))*

## Invasive Species

Has been working to encourage the development of Invasive Species Councils in each jurisdiction and to foster greater collaboration throughout the region. Washington state established the Washington Invasive Species Council in 2006, based in part on model legislation developed by PNWER.

*Public Sector Co-Chair: Sen. Fred Dyson (Alaska State Legislature); Private Sector Co-Chair: TBD*

## Sustainable Development

Identifies best practices for environmental sustainability to improve the quality of life in the region as well as foster sustainable economic development. Is addressing the mountain pine beetle infestation and developing a sustainability showcase for the 2010 Winter Olympics in Vancouver.

*Co-Chair: Hon. David Coumts (Alberta Minister of Sustainable Resources); Private Sector Co-Chair: TBD*

*Staff: Ian Burkheimer ([ianb@pnwer.org](mailto:ianb@pnwer.org))*

## Telecommunications

Identifies potential multi-jurisdictional uses of new technologies in the area of emergency communications. Held an alternate resilient communications workshop in October 2006

*Private Sector Co-Chair: Tracy Boileau (Telus); Public Sector Co-Chair: TBD*

*Staff: Brandon Hardenbrook ([brandon@pnwer.org](mailto:brandon@pnwer.org))*

## Tourism / 2010 Winter Olympics

Has established a 2010 Coordinating Council to develop a regional business plan to market the Pacific Northwest to the world, facilitate business opportunities and promote the region as a destination before, during and after the Olympic Games.

*Co-Chairs: Lorne Whyte (Tourism BC); State Sen. Lesil McGuire (Alaska State Senate)*

*Staff: Ian Burkheimer ([ianb@pnwer.org](mailto:ianb@pnwer.org))*

## Trade and Economic Development

Has encouraged the promotion of regional clusters, and the importance of collaboration across borders. Is exploring the possibility of expanding the BC-Alberta Trade, Investment and Labor Mobility Agreement concept throughout the PNWER region. Many of the states and provinces are each other's largest trading partners.

*Public Sector Co-Chair: Hon. Clint Dunford (Alberta Minister of Economic Development); Private Sector Co-Chair: TBD*

*Staff: Judy Skarsten ([judy@pnaer.org](mailto:judy@pnaer.org))*

## Transportation

Focuses on the infrastructure of our major corridors and gateways, with a special interest on border infrastructure. Brings together public and private, state/provincial and federal officials to address key issues of transportation management, including new technologies to address the increased flow of goods and services through our ports and across our borders.

*Co-Chairs: Ron Tenove (Director, Corporate Development; R.S. Tenove Professional Services); State Sen. John Goedde (Idaho State Senate)*

*Staff: Brandon Hardenbrook ([brandon@pnwer.org](mailto:brandon@pnwer.org))*

## Water Policy

Is beginning a dialogue to address important regional water issues such as the renegotiation of the Columbia River Treaty.

*Co-Chairs: Dennis Fitzpatrick (VP, Research, University of Lethbridge); State Sen. David Nelson (Oregon State Senate)*

*Staff: Brandon Hardenbrook ([brandon@pnwer.org](mailto:brandon@pnwer.org))*

## Workforce Development

Is identifying the 1) barriers to addressing labor shortages, 2) the key stakeholders, and 3) specific actions that can be implemented to alleviate these shortages. How can we train and re-train the skilled workforce that will be needed to fuel the growth of tomorrow? Where are the best practices of industry/government cooperation? How can we ensure greater professional mobility in terms of licensing requirements, as many projects cross multiple jurisdictions?

*Private Sector Co-Chair: Neil Windsor (Executive Director and Registrar, APEGGA); Public Sector Co-Chair: TBD*

*Staff: Brandon Hardenbrook ([brandon@pnwer.org](mailto:brandon@pnwer.org))*





## *Pacific NorthWest Economic Region*

### **Homeland Security Activities**

**2006-2007**

#### **Partnership for Regional Infrastructure Security**

The Partnership, formed by PNWER, is a collaborative effort of regional public & private stakeholders and state, provincial and federal government agencies dedicated to pursuing a greater understanding of critical infrastructure interdependencies and address gaps for regional disaster resilience. In July 2006, the National Infrastructure Protection Plan referenced PNWER as the model process to address critical infrastructure interdependencies. PNWER is helping to facilitate other regional partnerships around the Pacific Northwest, including, Washington State, the Puget Sound area, the Portland/Vancouver area, Alberta and Alaska.

#### **Puget Sound Alliance for Cyber Security (PSACS)**

PNWER serves as the Secretariat for PSACS, which was created after Blue Cascades II (September 2004). The mission of PSACS is to improve and maximize the cyber resilience of the Puget Sound region by maximizing opportunities and communications between local, regional and federal organizations, and enterprises.

#### **Center for Regional Disaster Resilience**

In October 2006 PNWER launched a new website focusing on critical infrastructure protection (CIP) activities, plans and best practices, allowing CIP

stakeholders to post reports and articles collected by the states and provinces over the past few years. The site was developed with support from Navy Region Northwest and is intended to facilitate greater cross-jurisdictional collaboration (<http://www.pnwer.org/portal>).

#### **Blue Cascades Interdependencies Exercises**

PNWER has organized three critical infrastructure interdependencies exercises over the past four years (with a fourth planned for January 25, 2007 focusing on a pandemic flu outbreak). Each exercise was designed by the stakeholders and reflected regional concerns (terrorism, cyber security and natural disasters). An integrated Action Plan was created based on the findings and recommendations of the three exercises. Numerous projects from the Action Plan are currently underway.

#### **Interdependencies Identification and Assessment Tool**

PNWER and the Partnership for Regional Infrastructure Security are working with Argonne National Lab and the Department of Homeland Security's Science and Technology Directorate to develop an Interdependencies Assessment Tool. Developing the capabilities required to understand infrastructure interdependencies and associated vulnerabilities at the organizational, regional, state and national level is fundamental to preparing and managing all hazards disasters, including terrorist attacks.

## **Upcoming PNWER Homeland Security Seminars & Workshops**

### **Seattle/King County Critical Infrastructure Interdependencies**

The Seattle/King County Critical Infrastructure Protection Workgroup has partnered with PNWER to conduct an annual forum on interdependencies. This year's seminar will be held on December 5, 2006.

### **Pandemic Preparedness**

PNWER will facilitate a series of seminars with infrastructure stakeholders to examine critical infrastructure interdependencies affected by pandemic outbreak. The seminars will examine what public and private infrastructures are doing to prepare and focus on how public, private, local, state and federal agencies will all work together to prevent social collapse, and keep basic economic services functioning. This is crucial for the ultimate safety and stability of our society in a protracted pandemic situation. The seminars will take place October 5, and December 5, 2006

### **Alternate Resilient Communications**

In a post-disaster scenario, traditional communications capabilities and infrastructures are not always assured. Emergency responder and other communications are highly dependent on other infrastructures such as power and telecommunications. This seminar will provide a working group and forum for public safety, emergency management, and government officials to hear about new options and

solutions available to provide interoperable, agile, and rapidly deployable alternate communications and collaboration capabilities that are infrastructure independent. This seminar will take place in October 2006.

### **Waterway Contingency Planning**

As a follow up to Blue Cascades III (March 2006), the Coast Guard Captain of the Port of Seattle has directed the Area Maritime Security Committee to work with PNWER and other stakeholders to examine the use of waterways for the transport of goods and people after a major disaster crippling the region's roadways and bridges (January, 2007).

### **Control Systems Workshop**

PNWER has leveraged the heightened awareness of interdependencies and cyber security to host a series of control systems workshops for NW public and private utilities. Two seminars were held in 2005 with assistance from Idaho National laboratory, British Columbia Information Technology and Microsoft. These workshops provided training for over 75 stakeholders. PNWER is planning three similar workshops in early 2007. These seminar will focus on providing an overview of control systems and their vulnerabilities. In addition, mitigations and best practices for securing control systems will be provided and participants will be introduced to experts and resources in the field of control systems security. This workshop will be coordinated by PSACS and hosted by Puget Sound Energy (January 8-10, 2007).

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## *Pacific NorthWest Economic Region*

### **2010/Tourism Activities 2006-2007**

#### **Venues Promotion Program**

The Pacific Northwest and Western Canada's many outstanding winter sports venues and their supporting communities will be featured in an online searchable database. This database will be marketed directly to coaches, athletes, and directors of national sports governing bodies starting in winter 2006/07. The goal will be to increase the number of national sports teams training in the Pacific Northwest prior to the 2010 Olympics. The database will also provide an outstanding pathway to connect the region's diverse winter sports communities to the Games themselves.

#### **WHTI**

Starting on January 8th, 2007 all air and most sea travelers between Canada and the United States will need passports to cross the border. By June 2009 at the latest, land travelers will require these or similar documents. Due to the unclear public perception and the potential for modifications to these regulations, PNWER member jurisdictions are developing a public outreach program to unify messaging throughout the entire Pacific Northwest. PNWER wants to ensure that both American and Canadian citizens are encouraged to continue crossing the border

and are prepared for a smooth border crossing. PNWER will also continue to work to help ensure that border regulations facilitate commerce while protecting the security of our region.

#### **Regional 2010 Marketing Plan/ Visitors Information Center**

The 2010 Coordinating Council will be developing a comprehensive plan to maximize positive worldwide travel and general media exposure surrounding the Olympics. The Council will also be examining options for a regional visitors center near the Olympic venues themselves during the Games.

#### **Sustainability Showcase**

The Sustainability Showcase will highlight technologies, best practices and innovations from throughout the Pacific Northwest prior to, during and following the 2010 Winter Olympics. This project will be further developed in coordination with the Vancouver Olympic Organizing Committee (VANOC), the PNWER Sustainable Development working group and the private sector. A comprehensive plan will be developed in early 2007.

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## *Pacific NorthWest Economic Region*

### **The Pacific Northwest Innovation Network**

**2006-2007**

The Pacific Northwest has a vibrant entrepreneurial, high-tech economy; however in an increasingly global economy, building a collaborative research capacity and developing a regional initiative to support and advance market-driven commercialization is essential to ensuring continued growth and prosperity.

#### **Initial Goals**

Supported initially by a grant from the US Economic Development Administration (EDA), the Pacific NorthWest Economic Region (PNWER) has launched the Pacific Northwest Innovation Network to address these challenges and to enhance opportunities related to collaborative research and market-driven commercialization.

- Increase the percent share of research funding in the region.
- Increase direct contact between university researchers and funders, leading to greater understanding and a cementing of relationships for future projects.
- Develop a multidisciplinary structure that will facilitate a broader appreciation of different practices and perspectives and better integration across the region, as well as within individual states and provinces.
- Encourage greater recognition of the strengths and benefits provided by the research community.
- Increase stakeholder involvement in university

research to improve the relevance and impact of that research.

- Improve access to university research, services and funding by entrepreneurs, particularly those in rural areas.
- Provide a forum for technology and business needs to be posted, identified and responded to by regional institutions, entrepreneurs or students.
- Facilitate access to faculty and students that are aware of industry needs and the processes through which knowledge acquires value.
- Raise the global profile of the Pacific Northwest through the notable advancement of knowledge, widely known international collaborations and broad use of intellectual property generated in the region.

#### **Key Tasks for Building a Collaborative Research Capacity**

PNWER will explore and document opportunities and best practices supporting collaborative research capacity among public, private and not-for-profit organizations.

Initially supported by the US EDA grant, key tasks will include:

- Forming the Pacific Northwest Innovation Network Taskforce by convening a regional group of stakeholders.
- Identifying regional cluster, entrepreneurial,



research and development strengths.

- Exploring the potential for developing a shared framework for supporting collaborative innovation.
- Improving the accessibility of information pertaining to existing programs, organizations and policies that support high technology entrepreneurs and start-up ventures.
- Implementing an online tool that enables industry, researchers and other parties to market and exchange intellectual property, research activities and build relationships within the region and globally.
- Developing the Pacific Northwest Innovation Network website that will serve as a clearinghouse for inventories; as well as host regional profiles, economic information and other related tools.

## Additional Tasks

Based on feedback from the High Technology Communications Working Group Meeting at the PNWER Annual Summit in Edmonton, Alberta (July 16-20, 2006) this initiative has been expanded to include issues pertaining to market-driven commercialization and to identify best practices for commercialization of intellectual property stemming from collaborative research.

Key tasks stemming from this discussion include:

- Sharing best practices and needs among regional forums, such as MentorLinx and IdeaLinx to encourage market-driven commercialization and provide best practices for supporting high-technology entrepreneurs.

- Identifying and implementing one or two PNWER-wide demonstration projects that provide models that address collaborative market/commercialization issues and that build on the identified strengths of the provinces/states.

## Next Steps

To leverage seed funding from US EDA grant to develop the concept of the Pacific Northwest Innovation Network in Washington State; while maintaining the intent to expand the initiative to become a highly valued and effective resource for the entire PNWER region.

Key tasks to accomplishing this goal include:

- Raising additional funding to support this ongoing initiative and regional expansion.
- Forming the core group of the Pacific Northwest Innovation Network Taskforce and setting first meeting date in March 2007.
- Leveraging the experience and resources of British Columbia and Alberta supporting online intellectual property marketing and exchange.
- Developing an online directory of existing programs, organizations and policies that support high-tech entrepreneurs and start-up ventures.
- Identifying core strengths of provinces and states within the PNWER region that will provide additional focus to this initiative.
- Developing a track at the 2007 PNWER Annual Summit to encompass demonstration projects and build momentum for the Pacific Northwest Innovation Network.

**If you are interested in joining the Pacific Northwest Innovation Network Taskforce or for more information about this program, please contact Joy Howland at [joy@pnwer.org](mailto:joy@pnwer.org) or 206.443.7723.**

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## *Pacific NorthWest Economic Region*

### **Bi-National Regional Energy Planning Initiative 2006-2007**

#### **Legislative Energy Chairs/ Provincial Energy Ministers Task Force**

PNWER will continue to staff the Energy Chairs Task Force, hosting quarterly conference calls and twice-yearly face-to-face meetings, providing regular updates on regional energy policy issues and serving as a resource for state legislative committees and provincial energy ministries.

#### **PNWER Energy 101 Project**

In response to a request from Energy Chairs who face a high degree of turnover in committee and legislative membership, PNWER has been asked to work with stakeholders to prepare a series of primers on a range of energy-related issues that can be presented at the beginning of the 2007 legislative sessions and be used as background material for briefings organized by provincial energy ministries.

#### **The Energy Policy Act of 2005**

PNWER has worked closely with the US Department of Energy to disseminate information about the provisions of the Energy Policy Act (Section 368 and 1221) which relate to identifying energy corridors on Federal Lands and the potential designation National Interest Electric Transmission Corridors. In addition to briefing legislative committees, PNWER is also facilitating the participation

of Canadian stakeholders in this process.

#### **Multi-State Transmission Siting Compact**

One provision of the Energy Policy Act, under certain circumstances, gives the Federal Energy Regulatory Commission backstop siting authority over transmission projects in corridors designated as "National Interest Electric Transmission Corridors." In response to a request from the Energy Chairs Task Force, which is interested in retaining decision-making authority at the regional level, PNWER has been asked to initiate a regional discussion on the potential for establishing a multi-state transmission siting compact.

#### **Analyzing Current and Proposed Energy Infrastructure**

What is the refinery capacity in Montana? Where are the major cross-border pipelines? What major infrastructure projects are on the drawing board, and when are they scheduled to be completed? These questions and more were addressed by analyzing current and proposed energy infrastructure in the Pacific Northwest. PNWER designed a graphical representation of these infrastructures to facilitate planning and discussion among policymakers and stakeholders. PNWER will distribute this information and continue to update the maps as necessary.

## **China Technology Exchange Center in Beijing**

The Chinese government has established ambitious renewable energy goals and is a natural market for the technical expertise that exists in the Pacific Northwest. As a follow up to a roundtable discussion with Chinese energy officials at the Annual Summit in Edmonton, Alberta (July 2006), PNWER is working with state and provincial trade/economic development offices, and other partners, to establish a China/Pacific Northwest Technology Exchange Center in Beijing to facilitate entry into that market by emerging and cutting edge energy technology firms.

## **Resource/Transmission Planning**

Although several entities engage in resource and transmission planning, policymakers are asking for a more comprehensive analysis of resource planning in the bi-national region. What resources are different investor-owned and publicly-owned utilities planning on acquiring in the next few years? Would the use of common definitions, synchronized planning processes and a shared time horizon facilitate the comparison of IRPs within and across different jurisdictions? PNWER is continuing to work with resource and transmission planners, regulators and stakeholders throughout the region to address these and related issues.

## **Legislative Sessions (2007)**

This year, the legislatures in all five states within the PNWER region will be in session. Several states will have new governors and new energy chairmen, are reviewing their energy plans, and have asked PNWER to help facilitate a comparison of plans and policies throughout the region by including such information on the PNWER energy website. PNWER will monitor developments, visit with relevant committees and ministries and keep its partners and stakeholders informed through timely updates and briefing memos.

## **Loaned Executive Program (2007)**

PNWER started its Loaned Executive Program in 2006. The first company to participate in this program was TransCanada, which offered a senior oil and gas executive to PNWER for the year. This executive, with experience in both government and the private sector, assisted with the analysis of current and proposed infrastructure, the development of the PNWER Energy 101 project, the Annual Summit in Edmonton and played a pivotal role in expanding PNWER's network of private sector partners and supporters. PNWER is actively soliciting its stakeholders to identify next year's participant in its Loaned Executive Program.

The Pacific NorthWest Economic Region (PNWER) is a public/private non-profit created by statute in 1991 by the states of Alaska, Idaho, Oregon, Montana and Washington, the Canadian provinces of British Columbia and Alberta, and the Yukon Territory. For more information on PNWER's Bi-National Regional Energy Planning Initiative, please contact Neil Parekh, Policy and Communications Director, and Program Manager for the Initiative, at (206) 443-7723, cell (206) 940-0023 or by email at [neil@pnwer.org](mailto:neil@pnwer.org).

The Initiative is funded in part by the US Department of Energy and the Alberta Ministry of Energy.

Pacific NorthWest Economic Region (PNWER) 2200 Alaskan Way, Suite 460 \* Seattle, WA 98121  
(206) 443-7723 \* Fax (206) 443-7703 \* [info@pnwer.org](mailto:info@pnwer.org) \* [www.pnwer.org](http://www.pnwer.org)





## Pacific NorthWest Economic Region



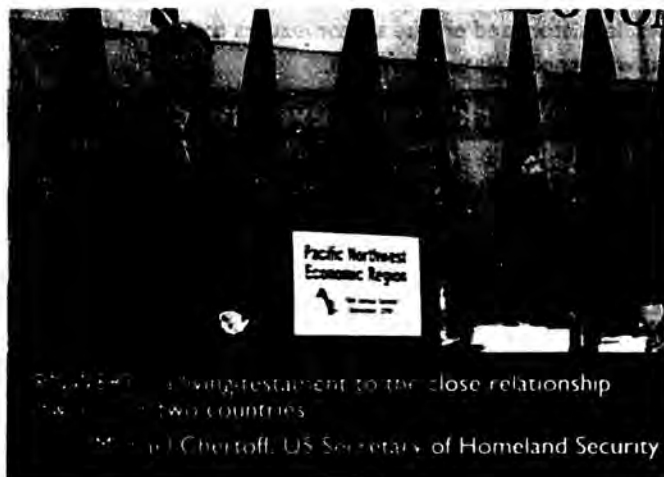
# PNWER: A Bi-National Public/Private Partnership

## The Region's Future

With over 20 million people and over US \$700 billion in gross regional product, the US Pacific Northwest (Alaska, Idaho, Montana, Oregon and Washington) and Western Canada (Alberta, British Columbia and Yukon) is one of fastest growing regions of North America. We are China and East Asia's gateway to North America, the host of the 2010 Winter Olympics and the site of 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 had a profound impact on policymaking."  
- Hon. Stockwell Day, Canada's Minister of Public Safety



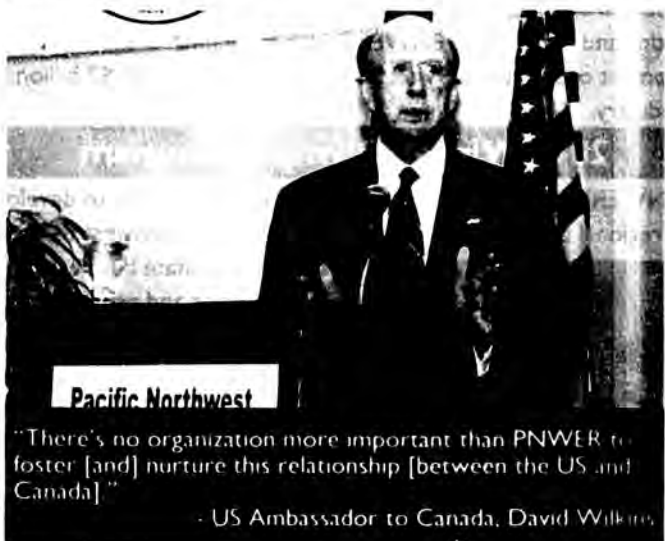
PNWER is a living testament to the close relationship between two countries.  
- Michael Chertoff, US Secretary of Homeland Security

## Public and Private Sector Leadership

PNWER delivers results on regional issues through action plans developed by more than fourteen working groups corresponding to the region's key priorities. Each working group is co-chaired by an industry leader and legislator. Founded in 1991, PNWER is the only statutory, non-partisan, non-profit, bi-national, public/private partnership in North America. PNWER is the 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 and Whitehorse, and at the national level in Washington, DC and Ottawa.

## What is PNWER?

The Pacific NorthWest Economic Region (PNWER) is a regional U.S.-Canadian forum 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, and provides the public and private sectors a cross-border forum for unfiltered dialogue that capitalizes upon the synergies between business leaders and elected officials who work to advance the region's global competitiveness.



Pacific Northwest

"There's no organization more important than PNWER to foster [and] nurture this relationship [between the US and Canada]."

- US Ambassador to Canada, David Wilkins





## Pacific NorthWest Economic Region



# PNWER : Major Program Initiatives

(PNWER has 17 Individual Working Groups)

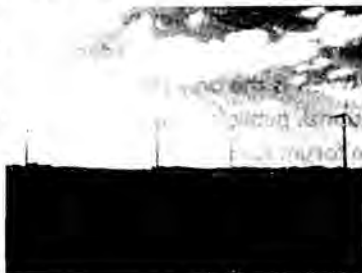
### Homeland Security

Since 9/11, PNWER has brought together hundreds of public and private sector leaders in a series of infrastructure interdependencies exercises called Blue Cascades designed to make this region more disaster resilient. Public Safety and Emergency Preparedness Canada and the US Department of Homeland Security have recognized PNWER for its leadership role in this effort. PNWER recently launched the **Center for Disaster Resilience**. For info: [www.pnwer.org/portal](http://www.pnwer.org/portal)



### Energy

PNWER has been tasked by the US Department of Energy to develop a bi-national Pacific NW Energy Planning Council. Industry representatives, provincial energy ministers and legislative energy committee chairmen, come together to address key issues in energy planning across jurisdictional and national boundaries, with an emphasis on multi-jurisdictional siting and permitting. PNWER is also facilitating further development of smart energy technologies, currently a US \$2 billion industry.



### 2010 Winter Olympics/Tourism

PNWER has established a 2010 Coordinating Council to develop a regional business plan to market the Pacific Northwest to the world, facilitate business opportunities and promote the region as a destination before, during and after the Games. PNWER is also working with partners to increase public understanding of border-crossing requirements and establishing a 2010 Sustainability Showcase.



### Transportation

The Pacific Northwest is China/East Asia's gateway to North America and lies at the crossroads between APEC and NAFTA. The future of the region's economy depends on a robust and dependable freight mobility and transportation system. PNWER brings together transportation ministers, governors, legislators and private sector leaders to forge solutions that will benefit our entire region.



### Workforce Development

Over the next ten years, the region will attract over US \$250 billion in investment capital for some of the world's largest projects, including the Mackenzie Valley and Alaska Natural Gas Pipelines, the Alberta Oil Sands and the 2010 Winter Olympics in Vancouver. Taking advantage of these major economic development opportunities will require a great deal of bi-national cooperation and coordination. PNWER has established a Workforce Development Task Force to ensure that we have the resources and skilled workforce to turn opportunities into true economic prosperity.



### Research and Development Exchange

The Pacific Northwest is fortunate to be home to world-class academic institutions and a high technology cluster. PNWER is initiating a new forum for Canadian and American researchers, businesses and students to work collaboratively in the exchange and commercialization of research and ideas - to provide a platform to develop the innovation, collaboration and capital needed for future wealth creation and growth opportunities.

# The PNWER Quarterly

For Legislators, Private Sector Partners, Government Officials and Stakeholders in the Pacific Northwest

Volume 1, Issue 1

Fall 2006

## Over 650 Delegates Attend Annual Summit in Edmonton



Secretary Michael Chertoff speaking at the Annual Summit. Minister Stockwell Day is to the right

Over 650 business and political leaders from throughout the Pacific Northwest and Western Canada participated in this year's Annual Summit, held in Edmonton, Alberta (July 16-20).

Featured speakers included Alberta Premier Ralph Klein, Canada's Minister of Public Safety Stockwell Day, US Secretary of Homeland Security Michael Chertoff, Canada's Minister of Natural Resources Gary Lunn,

and the US Ambassador to Canada, David Wilkins.

Minister Stockwell Day put it best when he said, "[PNWER] has had a profound impact on policymaking."

Secretary Michael Chertoff echoed that sentiment when he added, "It's great to be at a forum that is a living testament to the close relationship between our two countries."

Following their joint appearance, the two held their first bilateral meeting and participated in a roundtable discussion with selected PNWER delegates.

At the organization's closing banquet, outgoing president Rep. Glenn Anderson (WA), reviewed the year's accomplishments. He

*(Continued on page 4)*

## Economic Leadership Forum Set for Whistler (Nov. 16-18)

Join policymakers and CEOs for PNWER's Economic Leadership Forum (November 16-18, 2006) in beautiful Whistler, British Columbia - the site of the 2010 Winter Olympic Games.

Enjoy two days of Northwest Davos-style participatory roundtables addressing issues affecting the region's economic future at the Fairmont Chateau Whistler.

The meetings will take place on Thursday and Friday mornings,

leaving time in the afternoon for networking, touring the Olympic venues and enjoying Whistler.

The agenda will focus on the 2010 Olympics, Transportation, Workforce Development and Technology

**2010 Olympics**  
The Vancouver Olympic Committee's VP of Sustainability, along with public and private sector panelists will introduce ideas for a regional sustainability

showcase to be held prior to and during the 2010 Winter Olympics and Paralympics. This will be an outstanding opportunity to capitalize on the unifying nature of the Olympics themselves as well as the media interest in the Games.

**Transportation**  
Join regional leaders and the Hon. David Emerson, Minister of International Trade and Minister for the Pacific Gateway and the

*(Continued on page 4)*

## Homeland Security: PNWER Develops CIP Website: <http://www.pnwer.org/cip>

PNWER has launched a new regional website focusing on critical infrastructure protection (CIP) activities, plans and best practices. The "PNWER Center for Disaster Resilience" grew out of a series of state/provincial CIP Task Force conference calls.



Screen shot of the CIP portal

The new portal includes almost six hundred CIP-related reports and articles from throughout the PNWER region. This new site will serve

as a one-stop shop for all CIP related information across the Pacific Northwest.

This site will also allow states and provinces to post information on CIP trainings and exercises, and keep the region apprised of activities and allow more collaboration across jurisdictions. This is especially important as we prepare for the 2010 Winter Olympics.

Navy Region NW has dedicated funding to this initiative because they see the value in staying updated on CIP activities around the region.

Please forward any CIP related information that you think might be beneficial to the region to [brandon@pnwer.org](mailto:brandon@pnwer.org).

For more information about PNWER's Homeland Security activities, or the Center for Regional Disaster Resilience Website, contact PNWER's Deputy Director, Brandon Hardenbrook at [brandon@pnwer.org](mailto:brandon@pnwer.org)

## Energy: Agenda Set for 2006-2017

PNWER's Legislative Energy Chairs/Provincial Energy Ministers Task Force and the Energy Working Group have outlined an ambitious agenda for PNWER's Energy Initiative for the upcoming year.

In addition to developing a series of Energy 101 presentations in conjunction with the National Conference of State Legislatures for the upcoming legislative sessions, PNWER will continue to monitor the

implementation of the corridor provisions in the Energy Policy Act, and encourage a regional discussion on the possibility of establishing a multi-state transmission siting compact.

As a follow up to discussions with Chinese energy officials in Edmonton, PNWER is working with interested parties to establish a technology exchange center in Beijing to market alternative energy technologies to one of the fastest growing



(L-R): Rep. Jeff Morris (WA); Rep. George Eskridge (ID); Mel Knight, MLA (AB); Rep. Alan Olson (MT) and Sen. Frank Shields (OR)

energy markets in the world. PNWER will also continue its

efforts to improve region-wide resource and transmission planning through the use of common definitions and practices in the development of integrated resource plans.

For more information about PNWER's energy activities, contact PNWER's Policy and Communications Director/Program Manager for the Bi-National Regional Energy Planning Initiative, Neil Parekh at [neil@pnwer.org](mailto:neil@pnwer.org)

## Tourism: Regional Tourism Promotion Effort Receives Funding

Last year, the State of Washington appropriated \$50,000 to PNWER for regional tourism promotion contingent on PNWER raising an additional \$150,000 from neighboring jurisdictions and the private sector.

PNWER has also received funding commitments from British Columbia, Alberta and Idaho. The remaining jurisdictions are expected to join by the end of this year.

Participants in the initiative have agreed to fund a regional 2010 training venues online database. This effort has been spearheaded by PNWER's 2010 Coordination Council, whose membership includes all of the state/provincial tourism directors in the region.

PNWER has been working with the Olympics related 2010LegaciesNow to develop a partnership to their training venues website - [www.hostingbc.ca](http://www.hostingbc.ca) - which will be expanded to

include additional PNWER jurisdictions that choose to participate in this initiative.

This database will be marketed to incoming Olympic Teams, in partnership with the Canadian Snowsports Association.

Funding is also being used to develop a public information program concerning WHTI, explore a regional visitors' center and develop a regional media strategy.

The 2010 Coordination Council will also design a Sustainability Showcase for the 2010 Winter Olympics, which will be launched at the Winter Economic Leadership Forum.

For more information on the Regional Tourism Promotion Initiative or the 2010 Coordination Council, contact Ian Burkheimer, 2010 Program Manager, at [ianb@pnwer.org](mailto:ianb@pnwer.org).



## WHTI Implementation Requirement Delayed until June 2009

At the end of September, as part of its 2007 spending plan for the Department of Homeland Security, the US Congress included a provision extending the deadline for implementing the Western Hemisphere Travel Initiative (WHTI) until June 1, 2009.

Over the past year, PNWER and several other groups had been increasingly active in lobbying congressional leaders for a delay in the requirement that would have mandated that all US citizens – including casual travelers – show a passport when crossing the border.

In this effort, PNWER worked with the Business, Economic, Security, Tourism and Trade



The Blaine border crossing

WHTI was a primary topic of discussion during a private roundtable discussion with US Secretary of Homeland Security Michael Chertoff and Canada's Minister of Public Safety Stockwell Day at the PNWER Annual Summit in Edmonton, Alberta in July.

(BESTT) coalition, the Canadian-American Border Trade Alliance (Can/Am BTA), and other groups interested in a secure border that also facilitates the movement of goods and people across that border.

Between now and the new implementation deadline, PNWER will continue to work with the Department of Homeland Security, Congress and other stakeholders to help design a workable solution to this issue.

One possibility, endorsed by Premier Gordon Campbell and Governor Chris Gregoire, is to design a pilot project to be implemented at the border crossing at Blaine, Washington.

## PNWER Launches R&D Exchange Initiative with Seattle University and the Washington Technology Center

PNWER, Seattle University and the Washington Technology Center have received funding from the US Department of Commerce's Economic Development Administration to create a Research and Development Exchange Network.

With this initial source of funding, the Initiative's goals are to:

**-Increase** the percent share of research funding in the region,

**-Increase** the direct contact between researchers and funders, leading to greater understanding and a cementing of relationships for future projects,

**-Develop** a multidisciplinary structure that will facilitate a broader appreciation of different practices and perspectives and better integration across the region, as well as within individual states and provinces,

**-Encourage** greater recognition of the strengths and benefits provided by the research community,

**-Increase** stakeholder involvement in university research to improve the relevance and impact of that research,

**-Improve** access to university research, technical assistance and funding by entrepreneurs, particularly in rural areas,

**-Provide** a forum for technology needs to be posted, identified and responded to by regional institutions and/or entrepreneurs,

**-Raise** the global profile of the Pacific Northwest through the notable advancement of knowledge, widely known international collaborations and broad use of intellectual property generated in the region, and

**-Facilitate** access to faculty and students aware of industry needs and the processes through which knowledge acquires value.

The R&D Exchange Network Initiative aims to address these challenges and enhance opportunities for collaboration.

Based on feedback from the High Tech Working Group at the Annual Summit, PNWER is developing an inventory of existing programs and policies across the region that support high tech innovation and entrepreneurs. In October, PNWER will begin to form a taskforce, with representation from each PNWER jurisdiction. The first meeting is scheduled for early 2007.

For more information contact Joy Howland, R&D Exchange Network Initiative Program Manager, at [joy@pnwer.org](mailto:joy@pnwer.org).

## PNWER

by the

**Numbers**

PNWER

Regional

GDP:

**US \$859**

**billion/year**

**(2005)**

GDP Per

Capita:

**US \$42,315**

**(2005)**

Population:

**20.3 million**

**(2005)**

# of PNWER

Legislators:

**734**

PNWER

Budget for

2005/2006:

**US \$1 million**

PNWER Staff:

**6 FTE**



## Anderson ends term as PNWER President

**"[PNWER] has had a profound impact on policymaking."**

**-- Minister Stockwell Day (July 18, 2006)**

*(continued from page 1)*  
was particularly proud of PNWER's work on regional energy planning, infrastructure security and the 2010 Winter Olympic Games in Vancouver.

According to Anderson, PNWER has set a national standard when it comes to emergency preparedness exercises. The next exercise, likely to be held in January, will focus on pandemic preparedness. He

also cited PNWER's Bi-National Regional Energy Planning Initiative as a unique effort to encourage greater dialogue and cross-border planning around energy.

Anderson was also proud of the funding PNWER received for regional tourism promotion, funding from the US Department of Commerce to develop a Research and Development Exchange Initiative, a

partnership with Western Washington University's Border Policy Research Institute and support for a legislative academy that would afford legislators a chance to learn about the political systems on both sides of the border.

*Next year's summit will be in Anchorage, Alaska (July 22-26, 2007). For details, visit [www.pnwer2007.org](http://www.pnwer2007.org)*

## Winter Meeting: 2010 Olympics, Transportation, Workforce, and Technology

*(Continued from page 1)*  
Vancouver-Whistler Olympics (invited) as we develop a bi-national strategy to position the Pacific Northwest to be North America's gateway to the Pacific.

Experts from the Netherlands will explain how they overcame intermodal challenges at the largest port in the world - the Port of Rotterdam.

**Workforce**  
How will the increasing labor shortage in the region affect business and the economy in the next 3-5 years? CEOs and Human Resource Directors will discuss the critical impacts of current and projected labor shortages and explore solutions to the barriers they face when dealing with cross-border workforce issues.

**Technology**  
Hear from experts about the technologies that are currently being developed to enhance productivity and explore the policy issues that surround them. How will the convergence of information technology and telecommunications impact the way we do business?

**Costs**  
The PNWER rate at the Fairmont Chateau Whistler is CDN \$133 night. Registration fees (before October 26) are US \$220 for legislators, government officials and non-profits, US \$250 for the private sector and US \$150 for a single day.

*For updates to the agenda, check [www.pnwer.org](http://www.pnwer.org)*

## Team PNWER

The secret behind PNWER's success has been an active and engaged set of officers, committed legislators from throughout the region, private sector stakeholders who see the benefit of regional collaboration and a strong staff.

The newest member of the PNWER Executive Committee is Mel Knight, MLA from Alberta. Mel is the newest Vice President, joining Rep. George Eskridge (ID), Minister John van Dongen (BC), and Rep. Lesil McGuire (AK).

Mel has chaired PNWER's Energy Working Group for the past several years, and in the



PNWER's Staff and Interns

Alberta Legislative Assembly currently serves as the Government Whip and is a member of the Agenda and Priorities Committee.

PNWER's staff has grown over the past year. In addition to Matt Morrison (Executive Director) and Brandon Hardenbrook (Deputy Director), PNWER has four additional



PNWER's Past Presidents

full-time staffers. Judy Skarsten is the Conference Coordinator, Neil Parekh is the Policy and Communications Director, Ian Burkheimer is the 2010 Program Manager and Robert Lynch is the Working Group Coordinator.

Much of the Annual Summit and the ongoing operations of PNWER would not be possible



PNWER's Vice Presidents

without a great team of interns and temporary help.

PNWER would like to thank Debbie Walcker, Deanna Gelseth, Jamie Robertson, Alex Bond, Amy Wheelless, Kristen Meyer, Bethany Van Etten, Rachel Park, and Josh Morrison for their invaluable contributions.

# PNWER's 16th Annual Summit Edmonton, Alberta (July 16-20, 2006)



US Secretary of Energy Samuel Bodman (center) speaks at a luncheon in Calgary prior to the Annual Summit where he said, "We should work toward integrating oil sands output into the refining and distribution systems of North America in ways that are fair to both producers and consumers."



Speaking at the Summit, the United States Ambassador to Canada David Wilkins said, "There are no greater caretakers of this relationship than all of you. And there's no organization more important than PNWER to foster [and] nurture this relationship."



Premier Ralph Klein at a media scrum following his Keynote address on the first day of the Summit. Much of the coverage focused on Premier Klein and the meetings between Secretary Chertoff and Minister Day. See [www.pnwer.org](http://www.pnwer.org) for complete media coverage of the Summit.



Secretary of Homeland Security Michael Chertoff (left) and Minister of Public Safety Stockwell Day held a private bilateral meeting following their keynote addresses on the second day of the Summit. After their press conference, they held a roundtable with selected delegates.



Alberta Minister of Infrastructure and Transportation Ty Lund (center) joined delegates on the last day of the conference on a policy tour of the Alberta Oil Sands.



Senior officials of China's National Development and Reform Commission (responsible for energy policy) participated in a roundtable discussion with PNWER delegates. Their trip was facilitated by the University of Alberta's China Institute, led by Dr. Wenran Jiang.



Alberta Minister for International and Intergovernmental Relations Gary Mar welcomed delegates on the first night of the conference. His ministry coordinated the provincial government's participation in the Summit and contributed greatly to the meeting's success.



In one of many sidebars at the conference, members of the Alaska delegation met with Alberta Ministry of Energy officials to discuss oil and gas royalty programs throughout North America. Sen. Thomas Wagoner (right) chaired the meeting.



Members of PNWER's Energy Chairs Task Force with Canada's Minister of Natural Resources Gary Lunn (2nd from Left).

### Jim Kenyon takes the helm for 2006-2007

PNWER's new President, the Hon. Jim Kenyon - a veterinarian from the Yukon - was born in Massachusetts. Being a dual national gives Kenyon, Minister for Economic Development, a unique perspective on cross-border issues.

In fact, he is the first dual national or Yukoner to serve as President of the Pacific NorthWest Economic Region (PNWER).

Kenyon assumed the presidency of PNWER on the last day of the Annual Summit in Edmonton. After receiving the gavel from Rep. Glenn Anderson (WA), Kenyon outlined his goals for the



PNWER's new president, the Hon. Jim Kenyon (left), with the outgoing president, Rep. Glenn Anderson

upcoming year at the closing banquet. In addition to continuing PNWER's work

on regional energy planning and homeland security issues, Kenyon also wants to focus on workforce development, transportation corridors and working more closely with the Northwest Territory on issues of mutual interest - in particular, the Mackenzie Valley Delta pipeline project.

After the fall elections in the Yukon, Kenyon plans to travel throughout the region, meeting with both the public and private sector to build on the success of the past year and to expand PNWER's profile. Kenyon is a member of the Yukon Party.

### PNWER Institutes the Robert F. Day Memorial Award



Robert Day at PNWER's Economic Leadership Forum (2005) in Whistler, BC

On June 29, Robert F. Day, TransCanada Pipelines Vice President of Public Sector Relations, passed away while on business in Washington, DC.

To honor him, PNWER announced the creation of the Robert F. Day Memorial Award to recognize private sector leaders who nurture and build relationships between legislators and the private sector with the intention of fostering economic development throughout the entire region.

The announcement was made at this year's Annual Summit following a luncheon keynote by Alberta Premier Ralph Klein. Hal Kvisle, CEO of TransCanada, was also present at the announcement.

This award is intended to recognize leaders who are able to build relationships with more than his/her company or indus-

try's goals in mind. Robert's commitment to the region and vision of public-private sector partnerships set a very high standard for others to follow.

Robert was one of the founding members of PNWER and was integral to our early development and growth. He will be remembered for his boundless energy and charm, along with his dedicated support for many professional and charitable causes.

PNWER offers its sympathies to Robert's family, his colleagues and his many friends.

He will be sorely missed.

### In Brief...

- PNWER's Executive Director, Matt Morrison presented an overview of the organization to the Center for Strategic and International Studies in Washington, DC entitled "Making the Border Work" (Sept. 11).
- As part of its homeland security activities, PNWER held a meeting of the Partnership for Regional Infrastructure Security in Seattle to prepare for a Pandemic Preparedness Forum in January 2007 (Oct. 5).
- In mid-October, Matt Morrison gave presentations at the Woodrow Wilson Center in Washington DC and before Canadian Senator Jerry Grafstein's Banking, Trade and Commerce committee in Ottawa.
- Jim McPherson, a senior executive at TransCanada, served as a Loaned Executive to PNWER in 2006, focusing on energy infrastructure policy. His contributions were much appreciated.
- PNWER's officers will conduct their annual visits to Juneau, Olympia, Salem, Boise and Helena in January 2007, followed by trips to Victoria, Edmonton and Whitehorse later in the Spring.
- The Alaska Host Committee has already met twice and is working hard to ensure a successful Annual Summit in Anchorage, Alaska (July 22-26, 2007). For more information visit [www.pnwer2007.org](http://www.pnwer2007.org)



## Washington and British Columbia strengthen regional partnership

It would be no surprise that BC Premier Gordon Campbell and Washington State Governor Chris Gregoire have been working to strengthen the partnership between their two jurisdictions.

For this summer, the two met in Vancouver to discuss a range of issues – most notably the Western Hemisphere Travel Initiative (WHTI). In addition to calling for a delay in implementing the passport requirement, the two agreed to:

- Establish a new B.C.-Washington Working Group to develop workable border security technology solutions and strengthen the security of identity documents.

- Improve co-ordination of emergency resources and support through the Pacific Northwest Emergency Management Arrangement.

- Formalize ongoing cross-border collaboration on potential public health emergencies, such as pandemic flu and the West Nile virus, and

- Address congestion at the border through improved communication, expanded use of intelligent transportation systems and increasing the number of NEXUS and FAST users;

The two also agreed to host annual summit meetings, hold a Joint Border Security Forum and examine shared economic and tourism opportunities related to the 2010 Winter Olympics.

Washington and British Columbia are home to more than 10 million people. More than \$10 billion in two-way trade travels between the two provinces each year and an estimated 32,000 vehicles pass across the B.C.-Washington border every day. About 30 percent of all visitors to B.C. also travel to Washington and the Pacific Northwest and up to 25 percent of all visitors to the 2010 Olympic Winter Games in Vancouver are expected to travel through Washington state on their way to British Columbia.



Gov. Chris Gregoire and Premier Gordon Campbell at their Summit in Vancouver in June 2005

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#### Highlights

**2010 Winter Olympics: 2010 Sustainability Roundtable:** How can we showcase the Pacific Northwest's leadership role in sustainability technology and best practices to the world during the Olympics?

**Workforce:** How will the increasing labor shortage in the region affect business, our economy and the competitiveness of our products and services in the next 3-5 years? CEOs and Human Resource Directors will discuss the critical impacts of current and projected labor shortages and explore solutions to the barriers they face when dealing with regional workforce issues. What short term solutions can be identified to alleviate these barriers?

**Transportation:** Join regional port, transportation, and policy leaders and the Hon. David Emerson, Minister of International Trade and Minister for the Pacific Gateway and the Vancouver-Whistler Olympics (*United*) as we develop a bi-national strategy to solve the intermodal congestion and border issues necessary for our region to be the preferred Gateway to North America.

**Technology:** Hear from experts about the technologies that are currently being developed to enhance productivity and explore the policy issues that surround them. How will new technologies such as RFID and IT/telecom enhancements impact the way we do business?

The Pacific NorthWest Economic Region (PNWER) is a statutory, bi-national public/private partnership composed of legislators, governments, and businesses in the Northwest states of Alaska, Idaho, Montana, Oregon and Washington, and the Western Canadian provinces of British Columbia, Alberta, and the Yukon Territory. PNWER promotes greater regional cooperation by governments and business to enhance the region's global competitiveness, while striving to maintain or improve its environment.



# Pacific North West Economic Region



ALASKA



ALBERTA



BRITISH  
COLUMBIA



IDAHO



MONTANA



OREGON



WASHINGTON



YUKON



PNWER Leadership 2006-2007



Hon. Jim Kenyon  
President  
Yukon Territory



Rep. George Eskridge  
Vice President  
Idaho



Hon. John van Dongen  
Vice President  
British Columbia



Sen. Lesil McGuire  
Vice President  
Alaska



Hon. Mei Knight  
Vice President  
Alberta



Rep. Glenn Anderson  
Imm. Past President  
Washington



Hon. Rob Renner  
Past President  
Alberta

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Yukon Territory
- Vice President US**  
Rep. George Eskridge  
Idaho
- Vice President Canada**  
Hon. John van Dongen  
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- Sen. Kim Gillan  
Montana
- Past Presidents**  
Hon. Rob Renner  
Alberta
- Sen. Fred Dyson  
Alaska
- Hon. Barry Penner  
British Columbia
- Rep. Jeff Morris  
Washington
- Rep. Max Black  
Idaho
- Hon. David Couitts  
Alberta
- Sen. Alan Bluecher  
Washington (Retired)
- Private Sector Representatives**  
Neil Windsor, APEGGA  
Canadian Co-Chair
- Jan Romerdahl, US Bank  
US Co-Chair
- Don Dalik, Fasken Martineau & DuMoulin, LLP
- Mark Falconer  
Hewlett Packard
- Executive Director:  
Matt Morrison
- \* Partial List

**Delegate Council \***

- Alaska**  
Governor Sarah Palin  
Sen. Fred Dyson  
Sen. Lyman Hoffman  
Sen. Lesil McGuire
- Idaho**  
Governor C. L. "Butch" Otter  
Rep. Max Black  
Rep. George Eskridge  
Rep. Mary Lou Shepherd  
Sen. Monty Pearce  
Sen. Clint Stennett
- Oregon**  
Governor Ted Kulongoski  
Sen. Margaret Carter  
Sen. David Nelson  
Rep. Tom Butler  
Rep. Mike Schaufler
- Washington**  
Governor Chris Gregoire  
Sen. Paul Shin  
Sen. Cheryl Pflug  
Rep. Brian Sullivan  
Rep. Glenn Anderson
- Yukon Territory**  
Premier Dennis Fentie  
Hon. Jim Kenyon
- Alaska Alternates:**  
Rep. Beth Kerrtula
- Idaho Alternates:**  
Rep. Kathy Skippen
- Montana Alternates:**  
Sen. Bob Keenan  
Sen. Jeff Mangat
- British Columbia Alternates:**  
Premier Gordon Campbell  
Hon. John van Dongen  
Hon. Barry Penner  
Richard Lee, MLA  
Michael Sather, MLA  
Harry Bains, MLA
- Alberta Alternates:**  
Premier Ed Stelmach  
Hon. Rob Renner  
Hon. Gary Mar  
Ted Morton, MLA  
Richard Marz, MLA  
Hon. Mei Knight
- Washington Alternates:**  
Sen. Tim Sheldon  
Rep. Deb Wallace  
Rep. Jenea Holmquist
- Alaska Alternates:**  
Rep. Beth Kerrtula
- Idaho Alternates:**  
Rep. Kathy Skippen
- Montana Alternates:**  
Sen. Bob Keenan  
Sen. Jeff Mangat
- British Columbia Alternates:**  
Premier Gordon Campbell  
Hon. John van Dongen  
Hon. Barry Penner  
Richard Lee, MLA  
Michael Sather, MLA  
Harry Bains, MLA
- Alberta Alternates:**  
Premier Ed Stelmach  
Hon. Rob Renner  
Hon. Gary Mar  
Ted Morton, MLA  
Richard Marz, MLA  
Hon. Mei Knight
- Washington Alternates:**  
Sen. Tim Sheldon  
Rep. Deb Wallace  
Rep. Jenea Holmquist
- Yukon Territory Alternates:**  
Premier Dennis Fentie  
Hon. Jim Kenyon
- Bold = PNWER Officers**  
\* New appointments to the Delegate Council will be made in 2007

**Private Sector Council**

Canadian Co-Chair: Neil Windsor, APEGGA - US Co-Chair: Jan Romerdahl, US Bank

- Alaska**  
Bruce Carr, Alaska Railroad  
Ken Freeman, ExxonMobil  
John Gallagher, ConocoPhillips  
Paul Chesner, BP
- Idaho**  
Mark Falconer, Hewlett Packard  
Dean Haagenson, Contractors Northwest  
Evan Hayes, Idaho Grain Producers  
Dar Oiberding, Idaho Grain Producers
- British Columbia**  
Don Dalik, Fasken, Martineau & DuMoulin, LLP  
Sarah McCullough, Duke Energy  
Bob Shere, WCG International  
Kevin Hyde, Keen Engineering Co., Ltd.
- Alberta**  
Neil Windsor, APEGGA  
Gwen Murray, TransCanada Pipelines  
Tim Busby, EPCOR  
Travis Boreau, TRU  
Tim Schultz, AB Society of Engineering Technologists
- Montana**  
Haley Beaudry, Columbia Falls Aluminum Co.
- Oregon**  
Scott Farris, TransCanada  
James Baumgartner, Black Helterline, LLP  
Charles Hall, INOVXCO  
Tom Lowles, Key Bank  
Capt. James Townley Jr., Columbia River Steamship Operators
- Washington**  
Jan Romerdahl, US Bank  
Chris Parsons, Boeing  
William Kidd, BP  
Jerry Cochran, Microsoft  
Bill Struyk, Johnson and Johnson
- Alaska Alternates:**  
Ken Johnson, Puget Sound Energy  
Greg Boos, Chang & Boos  
Bob Sailer, Judd & Sailer, PLLC
- Idaho Alternates:**  
Mark Falconer, Hewlett Packard  
Dean Haagenson, Contractors Northwest  
Evan Hayes, Idaho Grain Producers  
Dar Oiberding, Idaho Grain Producers
- British Columbia Alternates:**  
Don Dalik, Fasken, Martineau & DuMoulin, LLP  
Sarah McCullough, Duke Energy  
Bob Shere, WCG International  
Kevin Hyde, Keen Engineering Co., Ltd.
- Alberta Alternates:**  
Premier Ed Stelmach  
Hon. Rob Renner  
Hon. Gary Mar  
Ted Morton, MLA  
Richard Marz, MLA  
Hon. Mei Knight
- Washington Alternates:**  
Sen. Tim Sheldon  
Rep. Deb Wallace  
Rep. Jenea Holmquist
- Yukon Territory Alternates:**  
Premier Dennis Fentie  
Hon. Jim Kenyon
- Yukon**  
To be designated





## Pacific NorthWest Economic Region



# PNWER: A Bi-National Public/Private Partnership

## The Region's Future

With over 20 million people and over US \$700 billion in gross regional product, the US Pacific Northwest (Alaska, Idaho, Montana, Oregon and Washington) and Western Canada (Alberta, British Columbia and Yukon) is one of the fastest growing regions of North America. We are China and East Asia's gateway to North America, the host of the 2010 Winter Olympics and the site of 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 had a profound impact on policymaking."  
- Hon. Stockwell Day, Canada's Minister of Public Safety



"[PNWER] is a living testament to the close relationship between our two countries."  
Michael Chertoff, US Secretary of Homeland Security

## Public and Private Sector Leadership

PNWER delivers solutions to regional issues through action plans developed by more than 100 stakeholder working groups corresponding to the region's key priorities. Each working group is co-chaired by an industry leader and legislator. Founded in 1991, PNWER is the only statutory, non-partisan, non-profit, bi-national, public-private partnership in North America. PNWER is the 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 and Whitehorse, and at the national level in Washington, DC and Ottawa.

## What is PNWER?

The Pacific North West Economic Region (PNWER) is a regional US-Canadian forum 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, and provides the public and private sectors a cross-border forum for unfiltered dialogue that capitalizes upon the synergies between business leaders and elected officials who work to advance the region's global competitiveness.



"There's no organization more important than PNWER to foster [and] nurture this relationship [between the US and Canada]."



## PNWER : Major Program Initiatives

(PNWER has 17 Individual Working Groups)

### Homeland Security

Since 9/11, PNWER has brought together hundreds of public and private sector leaders in a series of infrastructure interdependencies exercises called Blue Cascades designed to make this region more disaster resilient. Public Safety and Emergency Preparedness Canada and the US Department of Homeland Security have recognized PNWER for its leadership role in this effort. PNWER recently launched the Center for Disaster Resilience. For info: [www.pnwer.org/portal](http://www.pnwer.org/portal)



### Energy

PNWER has been tasked by the US Department of Energy to develop a bi-national Pacific NW Energy Planning Council. Industry representatives, provincial energy ministers and legislative energy committee chairmen come together to address key issues in energy planning across jurisdictional and national boundaries, with an emphasis on multi-jurisdictional siting and permitting. PNWER is also facilitating further development of smart energy technologies, currently a US \$2 billion industry



### 2010 Winter Olympics/Tourism

PNWER has established a 2010 Coordinating Council to develop a regional business plan to market the Pacific Northwest to the world, facilitate business opportunities and promote the region as a destination before, during and after the Games. PNWER is also working with partners to increase public understanding of border-crossing requirements and establishing a 2010 Sustainability Showcase.



### Transportation

The Pacific Northwest is China/East Asia's gateway to North America and lies at the crossroads between APEC and NAFTA. The future of the region's economy depends on a robust and dependable freight mobility and transportation system. PNWER brings together transportation ministers, governors, legislators and private sector leaders to forge solutions that will benefit our entire region.



### Workforce Development

Over the next ten years, the region will attract over US \$250 billion in investment capital for some of the world's largest projects including the Mackenzie Valley and Alaska Natural Gas Pipelines, the Alberta Oil Sands and the 2010 Winter Olympics in Vancouver. Taking advantage of these major economic development opportunities will require a great deal of bi-national cooperation and coordination. PNWER has established a Workforce Development Task Force to ensure that we have the resources and skilled workforce to turn opportunities into true economic prosperity.



### Research and Development Exchange

The Pacific Northwest is fortunate to be home to world-class academic institutions and a high technology cluster. PNWER is initiating a new forum for Canadian and American researchers, businesses and students to work collaboratively in the exchange and commercialization of research and ideas - to provide a platform to develop the innovation, collaboration and capital needed for future wealth creation and growth opportunities.



## Pacific NorthWest Economic Region



### PNWER Working Groups (2006-2007)

#### Agriculture

Active on livestock health issues, such as animal identification and the sharing of best practices. Organizing an Animal ID Conference in Spokane, WA (January 2007)

*Co-Chairs: Ed Lord (Vice President, National Cattlemen's Beef Association), Richard Marz, MLA (Alberta Legislative Assembly)*

*Staff: Brandon Hardenbrook (brandon@pnwer.org)*

#### Border Issues

Focuses on ensuring greater security and mobility for goods and services across the Canada-US border. Works closely with US Department of Homeland Security and the Canada's Ministry of Public Safety and Emergency Preparedness on WHTI, perimeter clearance and related issues.

*Private Sector Co-Chair: Jim Phillips (President & CEO, Can/Am BTA); Public Sector Co-Chair: TBD*

*Staff: Ian Burkheimer (ianb@pnwer.org)*

#### Energy I

With funding from the US Department of Energy, Alberta Energy, and BC Ministry of Energy, Mines and Petroleum Resources, brings together key industry leaders from both countries to examine supply and demand issues, transportation, permitting across multiple jurisdictions, and many issues that must be dealt with to secure efficient, reliable, low cost and environmentally safe energy supply for our future.

*Public Sector Co-Chair: Mel Knight, MLA (Alberta Legislative Assembly); Private Sector Co-Chair: TBD*

*Staff: Neil Parekh (neil@pnwer.org)*

#### Energy II

Identifies emerging and renewable energy technologies and addresses related policy issues.

*Public Sector Co-Chair: State Rep. George Eskridge (Idaho State Legislature); Private Sector Co-Chair: TBD*

*Staff: Neil Parekh (neil@pnwer.org)*

#### Environment

Promotes coordinated research, development and marketing of environmental technologies and services. Also active on marine air pollution issues.

*Public Sector Co-Chair: Hon. Barry Penner (BC Minister of Environment); Private Sector Co-Chair: TBD*

*Staff: Ian Burkheimer (ianb@pnwer.org)*

#### Forestry

Has looked at sustainable forest practices in each jurisdiction, has worked on developing cross-border mutual aid agreements for firefighting. In 2005 PNWER's Forestry Working Group met jointly with the Western Legislative Forestry Task Force.

*Co-Chairs: TBD*

#### Health Care

With private sector support, is preparing the first bi-annual regional healthcare update to serve as a reference regarding health care innovations policies and best practices. Focused on methods for states and provinces to increase access and effective care while reducing healthcare costs. Has also addressed drug importation issues.

*Private Sector Co-Chair: John Sproule (Coastal Health); Public Sector Co-Chair: TBD*

*Staff: Brandon Hardenbrook (brandon@pnwer.org)*

#### High-Tech

With funding from the US Department of Commerce, has initiated a new forum for Canadian and American researchers, businesses and students to work collaboratively in the exchange and commercialization of research and ideas - providing a platform to develop the innovation, collaboration and capital needed for future wealth creation and growth opportunities.

*Co-Chairs: Lee Cheatham (Director, Washington Technology Center); Lee Kruszewski*

*Staff: Joy Howland (joy@pnwer.org)*



## Homeland Security

With funding from a wide range of public and private sector sources, has brought together hundreds of public and private sector leaders in a series of infrastructure interdependencies exercises called **Blue Cascades** designed to make this region more disaster resilient. Canada's Ministry of Public Safety and Emergency Preparedness Canada and the US Department of Homeland Security have recognized PNWER for its leadership role in this effort. PNWER recently launched the Center for Disaster Resilience. For info visit: [www.pnwer.org/portal](http://www.pnwer.org/portal)

*Public Sector Co-Chair: Major Gen. Timothy Lowenberg (The Adjutant General, Washington State Military Department); Private Sector Co-Chair: TBD*

*Staff: Brandon Hardenbrook ([brandon@pnwer.org](mailto:brandon@pnwer.org))*

## Invasive Species

Has been working to encourage the development of Invasive Species Councils in each jurisdiction and to foster greater collaboration throughout the region. Washington state established the Washington Invasive Species Council in 2006, based in part on model legislation developed by PNWER.

*Public Sector Co-Chair: Sen. Fred Dyson (Alaska State Legislature); Private Sector Co-Chair: TBD*

## Sustainable Development

Identifies best practices for environmental sustainability to improve the quality of life in the region as well as foster sustainable economic development. Is addressing the mountain pine beetle infestation and developing a sustainability showcase for the 2010 Winter Olympics in Vancouver.

*Co-Chair: Hon. David Couits (Alberta Minister of Sustainable Resources); Private Sector Co-Chair: TBD*

*Staff: Ian Burkheimer ([ianb@pnwer.org](mailto:ianb@pnwer.org))*

## Telecommunications

Identifies potential multi-jurisdictional uses of new technologies in the area of emergency communications. Held an alternate resilient communications workshop in October 2006

*Private Sector Co-Chair: Tracy Boileau (Telus); Public Sector Co-Chair: TBD*

*Staff: Brandon Hardenbrook ([brandon@pnwer.org](mailto:brandon@pnwer.org))*

## Tourism / 2010 Winter Olympics

Has established a 2010 Coordinating Council to develop a regional business plan to market the Pacific Northwest to the world, facilitate business opportunities and promote the region as a destination before, during and after the Olympic Games.

*Co-Chairs: Lorne Whyte (Tourism BC); State Sen. Lesil McGuire (Alaska State Senate)*

*Staff: Ian Burkheimer ([ianb@pnwer.org](mailto:ianb@pnwer.org))*

## Trade and Economic Development

Has encouraged the promotion of regional clusters, and the importance of collaboration across borders. Is exploring the possibility of expanding the EC-Alberta Trade, Investment and Labor Mobility Agreement concept throughout the PNWER region. Many of the states and provinces are each other's largest trading partners.

*Public Sector Co-Chair: Hon. Clint Dunford (Alberta Minister of Economic Development); Private Sector Co-Chair: TBD*

*Staff: Judy Skarsten ([judy@pnwer.org](mailto:judy@pnwer.org))*

## Transportation

Focuses on the infrastructure of our major corridors and gateways, with a special interest on border infrastructure. Brings together public and private, state/provincial and federal officials to address key issues of transportation management, including new technologies to address the increased flow of goods and services through our ports and across our borders.

*Co-Chairs: Ron Tenove (Director, Corporate Development, R.S. Tenove Professional Services); State Sen. John Goedde (Idaho State Senate)*

*Staff: Brandon Hardenbrook ([brandon@pnwer.org](mailto:brandon@pnwer.org))*

## Water Policy

Is beginning a dialogue to address important regional water issues such as the renegotiation of the Columbia River Treaty.

*Co-Chairs: Dennis Fitzpatrick (VP, Research, University of Lethbridge); State Sen. David Nelson (Oregon State Senate)*

*Staff: Brandon Hardenbrook ([brandon@pnwer.org](mailto:brandon@pnwer.org))*

## Workforce Development

Is identifying the 1) barriers to addressing labor shortages, 2) the key stakeholders, and 3) specific actions that can be implemented to alleviate these shortages. How can we train and re-train the skilled workforce that will be needed to fuel the growth of tomorrow? Where are the best practices of industry/government cooperation? How can we ensure greater professional mobility in terms of licensing requirements, as many projects cross multiple jurisdictions?

*Private Sector Co-Chair: Neil Windsor (Executive Director and Registrar, APEGGA); Public Sector Co-Chair: TBD*

*Staff: Brandon Hardenbrook ([brandon@pnwer.org](mailto:brandon@pnwer.org))*



# *Pacific NorthWest Economic Region*

## **PNWER Action Items (2006-2007)**

*Approved by the PNWER Executive Committee  
at the 16<sup>th</sup> Annual Summit in Edmonton, Alberta (July 19, 2006)*

***These action items form the basis of  
PNWER's annual workplan and guide the  
development of future programs in response  
to stakeholders' priorities and interests. For  
detailed resolutions and background infor-  
mation on these action items, please consult  
the PNWER website.***

Pacific NorthWest Economic Region  
World Trade Center West  
2200 Alaskan Way, Suite 460 \* Seattle, WA 98121  
(206) 443-7723 \* Fax (206) 443-7703  
info@pnwer.org \* www.pnwer.org

## PNWER Action Items (2006-2007)

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### Agriculture

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#### WTO Negotiations

Convey the importance of an ambitious and timely conclusion to the agriculture component of the World Trade Organization (WTO) negotiations to both the US and Canadian federal governments. A substantial reduction in trade distorting support and real market access improvement is essential for the future growth and competitiveness of the region's farmers, ranchers, and food processing industries.

*PNWER is working with Washington State Department of Agriculture and the Alberta Ministry of Agriculture to hold a two-day cross-border livestock health conference in Spokane (January 10-12 2007.)*

*PNWER Staff: Brandon Hardenbrook*

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### Border Issues

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#### Western Hemisphere Travel Initiative (WHTI)

Work to ensure that any biometric document that is developed is accessible, sensible, low or no-cost, and provides seamless processing of low-risk individuals and causes no delays or refusals of legitimate discretionary travelers.

Implement a regional pilot project to design and test secure travel documents

for the Western Hemisphere Travel Initiative.

#### Perimeter Clearance

Gain further acceptance and encourage implementation of off-shore interdiction of low-risk goods and inadmissible people before they reach US or Canadian shores.

#### Nexus

Encourage the US and Canadian federal governments to pilot an intermodal (highway, marine, ferry, air and rail) expedited clearance "Cascadia Nexus Plus" Trusted Traveler concept which will integrate into a single program (ONE card, ALL Ports, ALL Modes with a Global Enrollment Integrated Database) - a next generation process for secure and easy cross-border travel for known low-risk individuals

#### NAFTA Visa Holders/First Nations Citizens

Address the unique needs of First Nations people across North America and ensure their ability to move freely across the border regions.

#### Smart Border Improvements

Encourage the US and Canadian federal governments to install NEXUS convertible



lanes be installed at the Sumas and Lyndon/Aldergrove crossings.

Allow in-transit shipments meeting the FAST criteria to use the FAST LANES.

Encourage the US Food and Drug Administration (FDA) to cross-designate regular shipment inspection to Customs and Border Protection (CBP) during off hours to achieve 24/7 service and provide efficient service at peak periods.

*PNWER Staff: Ian Burkheimer*

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## Energy

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### **Integrating non-firm power (e.g. Wind)**

Engage in and monitor Bonneville Power Administration Northwest Power and Conservation Council Wind Integration Study.

*Staff will work with BPA and NWPCC, and report back to the Energy Working Group*

### **Clean Coal**

Develop a primer on clean coal, working with the Energy Council, Idaho National Laboratory and others. Build on existing work done by the National Governor's Association, Western Governor's Association and the National Conference of State Legislatures.

*This primer will be part of the PNWER Energy 101 Project, which includes primers on Clean Coal, as well as a range of additional energy issues*

### **China**

Form a steering committee with representatives from both the public and private sector from the PNWER jurisdictions to draft a structure and business plan to establish a Pacific Northwest/China Clean Technology Exchange Center in Beijing.

*Staff will work with the University of Alberta's China Institute, Energy/Net, the Northwest Energy Technology Collaborative, Global Energy System Exchange, various jurisdictions and other interested parties.*

### **Ocean Energy**

Add permitting challenges of ocean energy to PNWER's US and Canadian federal agendas. Check with the National Conference of State Legislatures for information on alternative energy tax credits. Report back to Energy Chairs Task Force.

*Staff will work with the Ocean Renewable Energy Group, NCSL and other stakeholders to implement this action item.*

### **Biofuel Incentives**

Circulate existing legislation on biofuel incentives to the Energy Chairs Task Force.

### **Energy Corridors**

Host a meeting of legislative and executive branch representatives to discuss the possible structure of a multi-state transmission siting compact to retain decision-making authority over yet-to-be-determined National Interest

Electric Transmission Corridors. Compare FERC and State siting processes.

### **Workforce Shortages**

Urge licensing bodies to adopt reciprocity if engineers have practiced for a set amount of time. Assist licensing bodies in preparing amendments to rules or policies to support reciprocity.

### **General**

Develop a consensus within the region on cross-border pipeline permitting issues and assess the opportunity of advising the US Secretary of State on cross-border pipeline permitting issues.

Develop a primer on high voltage direct current lines.

*The HVDC primer will be part of the PNWER Energy 101 Project*

Add impact of infrastructure development on rural communities to next year's Annual Summit agenda.

*PNWER Staff: Neil Parekh*

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## **Environment**

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### **Marine Air Pollution**

Meet with officials of West Coast ports to discuss the issue of marine air pollution and decide appropriate role for PNWER.

*PNWER has developed a strategy to explore the possibility and promote the development of a West Coast Sulfur*

*Emissions Control Area (SECA) from Alaska to California under Annex VI of the MARPOL Treaty. Discussions will continue through Fall 2006 with various potential stakeholders, with possible action items developed in time for the 2007 legislative sessions.*

### **Environmental Emergency Response**

Work with states and provinces to emphasize the importance of environmental emergency response.

*PNWER Staff: Ian Burkheimer*

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## **Health Care**

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### **Innovative Approaches**

Develop and distribute a biannual newsletter on healthcare innovations and best practices from across the region.

*PNWER is preparing the first bi-annual regional healthcare update with support from Merck Frosst and the Vancouver Coastal Health Authority. This publication will serve as a reference regarding healthcare innovations, policies and best practices from around the region.*

*PNWER Staff: Brandon Hardenbrook*

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## **High Tech**

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### **Building Collaborative Research Capacity**

Implement PNWER's US Economic Development Administration grant in

Washington State and broaden the R&D Exchange Network Initiative to encompass other jurisdictions within PNWER.

### **Transitioning Ideas into Business**

Share best practices and needs among regional forums to encourage market-driven commercialization (e.g. MentorLinx, IdealInx). Identify and implement 1-2 demonstration projects within the PNWER region. Address market/commercialization issues. Build on state/provincial strengths.

*PNWER Staff: Joy Howland*

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## **Homeland Security (Pandemic)**

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### **Regional Planning Efforts**

Coordinate a PNWER peer critique group to review and share plans or components of plans to assist other organizations, to address potential gaps, and identify criteria for assessing preparedness plans.

Encourage states/provinces/regions to create a comprehensive pandemic influenza preparedness plan that is interoperable and where possible, integrated.

Establish an inventory of pandemic preparedness plans in the PNWER region – identify those portions of plans which are classified and (which should not be shared) and allow sharing upon request by accredited individuals.

Create inter-jurisdictional exercise(s) to raise awareness, identify preparedness gaps, and test interregional plans.

Form a tiger team of people throughout the region who are willing and capable of working together to facilitate additional action points.

*PNWER developed a new website called the "Center for Regional Disaster Resilience" in Oct. 2006. This site hosts an inventory of over 600 critical infrastructure related plans, policies and best practices from around the PNWER region.*

*PNWER is planning a Blue Cascades-style exercise focusing on a Pandemic scenario for early 2007. This exercise will lead to the development of a comprehensive regional pandemic preparedness plan.*

*PNWER Staff: Brandon Hardenbrook*

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## **Sustainable Development**

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### **Strategic Land Use Planning**

Continue to provide information about the Land Use Framework and ensure the sharing of this information through the PNWER organization

Organize a water policy forum at the PNWER Winter Meeting in order to share information about initiatives in Alberta and other PNWER member states and/or provinces.



### **Mountain Pine Beetle Infestation**

Help put together a strategic plan to address the mountain pine beetle infestations in order to share best practices in the field. Make use of the expertise developed by Alberta with respect to mountain pine beetle infestation, pursuant to collaboration with British Columbia. Share updates concerning the mountain pine beetle infestations.

### **Sustainable Practices for the 2010 Olympics**

Create a task force to showcase regional technologies for sustainable development in the 2010 Olympic Games to be held in British Columbia. The task force will underline the PNWER regional work and support for such technologies.

*The 2010 Sustainability Showcase will be developed in close coordination with the Vancouver Organizing Committee of the 2010 Winter Olympic and Paralympics (VANOC) as well as other regional public, private and non-profit partners.*

*Development of this program will begin with the PNWER Economic Leadership Forum in Whistler (November 16-18, 2006). A steering committee for this project will be added to the 2010 Coordinating Council (See Tourism).*

*PNWER Staff: Ian Burkheimer*

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## **Telecommunications**

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### **Standards-based IP Networks**

Establish a communications working group within PNWER to share best practices,

provide input on policy issues to stakeholders, and provide informational briefings to legislators and other regional stakeholders.

### **IP Interoperability and Collaboration System**

Identify potential multi-jurisdictional uses of new technologies in the area of emergency communications.

### **Field Fly-away Communication**

Establish a consensus among first responders to help develop 2.0 and help field test it. Hold a workshop for emergency management stakeholders to explore uses for new common technologies like fly-away kits.

*An alternate resilient communications workshop took place at the Microsoft campus in October 2006. PNWER facilitated a discussion and collected input on how new technologies might be piloted in our region*

*PNWER Staff: Brandon Hardenbrook*

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## **Tourism**

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### **Regional Tourism Initiative**

The 2010 Coordinating Council's mandate shall be expanded to address other regional tourism initiatives as identified by the tourism working group.

### **PNWER 2010 Coordinating Council**

The Coordinating Council, being made up of members from each of the PNWER

jurisdictions will oversee a number of projects being funded from public sector grants and the development of private sector partners.

*Currently identified projects are:*

1. *Developing a regional training venues marketing strategy, inviting international winter sports teams to come train in the Pacific Northwest often prior to the 2010 Olympics,*
2. *Creating a Western Hemisphere Travel Initiative (WHTI) public information program educating travelers about upcoming and current border crossing requirements,*
3. *Development of a Regional Visitors Center in the Vancouver/Whistler area prior to and during the 2010 Olympics and Paralympics,*
4. *Development of a regional media strategy leveraging the 2010 Games that increases visibility of the region in the worldwide press, and*
5. *Other programs as identified by the Coordinating Council.*

*PNWER Staff: Ian Burkheimer*

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## **Trade and Economic Development**

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*(See also workforce issues under "Workforce Development")*

## **Movement of Specialized Equipment/Personnel**

Work with both federal governments to propose an education and training pilot project for customs officials on both sides of the border within the PNWER region, regarding the movement of specialized equipment and personnel.

## **Regional Collaboration**

Embrace the opportunity to educate and explore the possibility of expanding the BC-Alberta Trade, Investment and Labor Mobility Agreement (TILMA) concept throughout the PNWER region.

*PNWER Staff: Judy Skarsten*

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## **Transportation**

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### **Bi-National Pacific Gateway**

Host a major session on the Pacific Gateway for the Economic Leadership Forum in November 2006. Form a steering committee of major NW ports and appropriately involve the Netherlands.

### **Cross-Border Transportation**

Support increased capacity for flow of freight and passenger movement in Seattle/Vancouver corridor through investment in the Colebrook siding in the border region.

*These projects will continue to be developed through a more in-depth discussion at the PNWER Economic Leadership Forum at Whistler (November 16-18, 2006).*

*PNWER Staff: Brandon Hardenbrook*

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## **Water Policy**

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### **Current Compacts and Treaties**

Host a water session at each meeting to educate stakeholders and discuss water issues.

### **Regional Policy Issues**

Develop a Water Task Force to begin a dialogue on important regional issues (e.g. renegotiations of the Columbia River Treaty). Provide information briefings to legislators on current issues. Link current water policy groups and activities around the region. Develop renegotiation strategy for Columbia River Treaty.

*PNWER is facilitating a Water Policy Task Force co-chaired by Senator David Nelson from Oregon. This group will hold quarterly conference calls to develop strategies to address important regional issues such as the renegotiation of the Columbia River treaty.*

*PNWER Staff: Brandon Hardenbrook*

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## **Workforce Development**

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### **Licensing Reciprocity**

Urge licensing bodies to adopt reciprocity if engineers have practiced for a set amount of time. Assist licensing bodies in preparing amendments to rules or policies to support reciprocity.

### **Workforce Issues**

Continue efforts to explore the opportunities related to 55+ age demographic as a potential source to help mitigate labor shortages in the PNWER region.

*PNWER is working with Citizenship & Immigration Canada to establish a bi-national task force to address three specific workforce issues: 1) What specifically are the barriers to addressing the labor shortages in western Canada? 2) Who are the key stakeholders that should be engaged to develop bi-national solutions? 3) What specific actions can be implemented to alleviate these current and projected shortages?*

*The task force will be composed of public and private provincial and federal officials, as well as border officials from both Canada and the US. PNWER will facilitate this task force to develop clear deliverables for all stakeholders.*

*PNWER Staff: Brandon Hardenbrook*





## *Pacific NorthWest Economic Region*

### **Homeland Security Activities**

**2006-2007**

#### **Partnership for Regional Infrastructure Security**

The Partnership, formed by PNWER, is a collaborative effort of regional public & private stakeholders and state, provincial and federal government agencies dedicated to pursuing a greater understanding of critical infrastructure interdependencies and address gaps for regional disaster resilience. In July 2006, the National Infrastructure Protection Plan referenced PNWER as the model process to address critical infrastructure interdependencies. PNWER is helping to facilitate other regional partnerships around the Pacific Northwest, including Washington State, the Puget Sound area, the Portland Vancouver area, Alberta and Alaska.

#### **Puget Sound Alliance for Cyber Security (PSACS)**

PNWER serves as the Secretariat for PSACS, which was created after Blue Cascades II (September 2004). The mission of PSACS is to improve and maximize the cyber resilience of the Puget Sound region by maximizing opportunities and communications between local, regional and federal organizations, and enterprises.

#### **Center for Regional Disaster Resilience**

In October 2006 PNWER launched a new website focusing on critical infrastructure protection (CIP) activities, plans and best practices, allowing CIP

stakeholders to post reports and articles collected by the states and provinces over the past few years. The site was developed with support from Navy Region Northwest and is intended to facilitate greater cross-jurisdictional collaboration (<http://www.pnwer.org/portal>).

#### **Blue Cascades Interdependencies Exercises**

PNWER has organized three critical infrastructure interdependencies exercises over the past four years (with a fourth planned for January 25, 2007 focusing on a pandemic flu outbreak). Each exercise was designed by the stakeholders and reflected regional concerns (terrorism, cyber security and natural disasters). An integrated Action Plan was created based on the findings and recommendations of the three exercises. Numerous projects from the Action Plan are currently underway.

#### **Interdependencies Identification and Assessment Tool**

PNWER and the Partnership for Regional Infrastructure Security are working with Argonne National Lab and the Department of Homeland Security's Science and Technology Directorate to develop an Interdependencies Assessment Tool. Developing the capabilities required to understand infrastructure interdependencies and associated vulnerabilities at the organizational, regional, state and national level is fundamental to preparing and managing all hazards disasters, including terrorist attacks.

## **Upcoming PNWER Homeland Security Seminars & Workshops**

### **Seattle/King County Critical Infrastructure Interdependencies**

The Seattle King County Critical Infrastructure Protection Workgroup has partnered with PNWER to conduct an annual forum on interdependencies. This year's seminar will be held on December 5, 2006.

### **Pandemic Preparedness**

PNWER will facilitate a series of seminars with infrastructure stakeholders to examine critical infrastructure interdependencies affected by pandemic outbreak. The seminars will examine what public and private infrastructures are doing to prepare and focus on how public, private, local, state and federal agencies will all work together to prevent social collapse, and keep basic economic services functioning. This is crucial for the ultimate safety and stability of our society in a protracted pandemic situation. The seminars will take place October 5 and December 5, 2006.

### **Alternate Resilient Communications**

In a post-disaster scenario, traditional communications capabilities and infrastructures are not always assured. Emergency responder and other communications are highly dependent on other infrastructures such as power and telecommunications. This seminar will provide a working group and forum for public safety, emergency management, and government officials to hear about new options and

solutions available to provide interoperable, agile, and rapidly deployable alternate communications and collaboration capabilities that are infrastructure independent. This seminar will take place in October 2006.

### **Waterway Contingency Planning**

As a follow up to Blue Cascades III (March 2006), the Coast Guard Captain of the Port of Seattle has directed the Area Maritime Security Committee to work with PNWER and other stakeholders to examine the use of waterways for the transport of goods and people after a major disaster crippling the region's roadways and bridges (January, 2007).

### **Control Systems Workshop**

PNWER has leveraged the heightened awareness of interdependencies and cyber security to host a series of control systems workshops for NW public and private utilities. Two seminars were held in 2005 with assistance from Idaho National Laboratory, British Columbia Information Technology and Microsoft. These workshops provided training for over 75 stakeholders. PNWER is planning three similar workshops in early 2007. These seminar will focus on providing an overview of control systems and their vulnerabilities. In addition, mitigations and best practices for securing control systems will be provided and participants will be introduced to experts and resources in the field of control systems security. This workshop will be coordinated by PSA/CSS and hosted by Puget Sound Energy (January 8-10, 2007).

The Pacific NorthWest Economic Region (PNWER) is a public/private non-profit created by statute in 1991 by the states of Alaska, Idaho, Oregon, Montana and Washington, the Canadian provinces of British Columbia and Alberta, and the Yukon Territory. For more information on PNWER's Homeland Security-related activities, please contact Brandon Hardenbrook, Deputy Director, and Homeland Security Coordinator, at (206) 443-7723, or by email at [Brandon@pnwer.org](mailto:Brandon@pnwer.org).

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## *Pacific NorthWest Economic Region*

### **Bi-National Regional Energy Planning Initiative 2006-2007**

#### **Legislative Energy Chairs/ Provincial Energy Ministers Task Force**

PNWER will continue to staff the Energy Chairs Task Force, hosting quarterly conference calls and twice-yearly face-to-face meetings, providing regular updates on regional energy policy issues and serving as a resource for state legislative committees and provincial energy ministries.

#### **PNWER Energy 101 Project**

In response to a request from Energy Chairs who face a high degree of turnover in committee and legislative membership, PNWER has been asked to work with stakeholders to prepare a series of primers on a range of energy-related issues that can be presented at the beginning of the 2007 legislative sessions and be used as background material for briefings organized by provincial energy ministries.

#### **The Energy Policy Act of 2005**

PNWER has worked closely with the US Department of Energy to disseminate information about the provisions of the Energy Policy Act (Section 368 and 1221) which relate to identifying energy corridors on Federal Lands and the potential designation National Interest Electric Transmission Corridors. In addition to briefing legislative committees, PNWER is also facilitating the participation

of Canadian stakeholders in this process.

#### **Multi-State Transmission Siting Compact**

One provision of the Energy Policy Act, under certain circumstances, gives the Federal Energy Regulatory Commission backstop siting authority over transmission projects in corridors designated as "National Interest Electric Transmission Corridors." In response to a request from the Energy Chairs Task Force, which is interested in retaining decision-making authority at the regional level, PNWER has been asked to initiate a regional discussion on the potential for establishing a multi-state transmission siting compact.

#### **Analyzing Current and Proposed Energy Infrastructure**

What is the refinery capacity in Montana? Where are the major cross-border pipelines? What major infrastructure projects are on the drawing board, and when are they scheduled to be completed? These questions and more were addressed by analyzing current and proposed energy infrastructure in the Pacific Northwest. PNWER designed a graphical representation of these infrastructures to facilitate planning and discussion among policy makers and stakeholders. PNWER will distribute this information and continue to update the maps as necessary.



## China Technology Exchange Center in Beijing

The Chinese government has established ambitious renewable energy goals and is a natural market for the technical expertise that exists in the Pacific Northwest. As a follow up to a roundtable discussion with Chinese energy officials at the Annual Summit in Edmonton, Alberta (July 2006), PNWER is working with state and provincial trade economic development offices, and other partners, to establish a China Pacific Northwest Technology Exchange Center in Beijing to facilitate entry into that market by emerging and cutting edge energy technology firms.

## Resource/Transmission Planning

Although several entities engage in resource and transmission planning, policymakers are asking for a more comprehensive analysis of resource planning in the bi-national region. What resources are different investor-owned and publicly-owned utilities planning on acquiring in the next few years? Would the use of common definitions, synchronized planning processes and a shared time horizon facilitate the comparison of IRPs within and across different jurisdictions? PNWER is continuing to work with resource and transmission planners, regulators and stakeholders throughout the region to address these and related issues.

## Legislative Sessions (2007)

This year, the legislatures in all five states within the PNWER region will be in session. Several states will have new governors and new energy chairmen, are reviewing their energy plans, and have asked PNWER to help facilitate a comparison of plans and policies throughout the region by including such information on the PNWER energy website. PNWER will monitor developments, visit with relevant committees and ministries and keep its partners and stakeholders informed through timely updates and briefing memos.

## Loaned Executive Program (2007)

PNWER started its Loaned Executive Program in 2006. The first company to participate in this program was TransCanada, which offered a senior oil and gas executive to PNWER for the year. This executive, with experience in both government and the private sector, assisted with the analysis of current and proposed infrastructure, the development of the PNWER Energy 101 project, the Annual Summit in Edmonton and played a pivotal role in expanding PNWER's network of private sector partners and supporters. PNWER is actively soliciting its stakeholders to identify next year's participant in its Loaned Executive Program.

The Pacific NorthWest Economic Region (PNWER) is a public-private non-profit created by statute in 1991 by the states of Alaska, Idaho, Oregon, Montana and Washington, the Canadian provinces of British Columbia and Alberta, and the Yukon Territory. For more information on PNWER's Bi-National Regional Energy Planning Initiative, please contact Neil Parekh, Policy and Communications Director, and Program Manager for the Initiative at (206) 443-7723, cell (206) 940-0023 or by email at [neil@pnwer.org](mailto:neil@pnwer.org).

The Initiative is funded in part by the US Department of Energy and the Alberta Ministry of Energy.

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## *Pacific NorthWest Economic Region*

### **2010/Tourism Activities**

### **2006-2007**

#### **Venues Promotion Program**

The Pacific Northwest and Western Canada's many outstanding winter sports venues and their supporting communities will be featured in an online searchable database. This database will be marketed directly to coaches, athletes, and directors of national sports governing bodies starting in winter 2006/07. The goal will be to increase the number of national sports teams training in the Pacific Northwest prior to the 2010 Olympics. The database will also provide an outstanding pathway to connect the region's diverse winter sports communities to the Games themselves.

#### **WHTI**

Starting on January 8th, 2007, all air and most sea travelers between Canada and the United States will need passports to cross the border. By June 2009, at the latest, land travelers will require these or similar documents. Due to the unclear public perception and the potential for modifications to these regulations, PNWER member jurisdictions are developing a public outreach program to unify messaging throughout the entire Pacific Northwest. PNWER wants to ensure that both American and Canadian citizens are encouraged to continue crossing the border

and are prepared for a smooth border crossing. PNWER will also continue to work to help ensure that border regulations facilitate commerce while protecting the security of our region.

#### **Regional 2010 Marketing Plan/ Visitors Information Center**

The 2010 Coordinating Council will be developing a comprehensive plan to maximize positive worldwide travel and general media exposure surrounding the Olympics. The Council will also be examining options for a regional visitors center near the Olympic venues themselves during the Games.

#### **Sustainability Showcase**

The Sustainability Showcase will highlight technologies, best practices and innovations from throughout the Pacific Northwest prior to, during and following the 2010 Winter Olympics. This project will be further developed in coordination with the Vancouver Olympic Organizing Committee (VANOC), the PNWER Sustainable Development working group and the private sector. A comprehensive plan will be developed in early 2007.

The Pacific NorthWest Economic Region (PNWER) is a public/private non-profit created by statute in 1991 by the states of Alaska, Idaho, Oregon, Montana and Washington, the Canadian provinces of British Columbia and Alberta, and the Yukon Territory. For more information on PNWER's 2010/Tourism-related activities, please contact Ian Burkheimer, 2010/Tourism Program Manager at (206) 443-7723, or by email at [ianb@pnwer.org](mailto:ianb@pnwer.org)

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## *Pacific NorthWest Economic Region*

### **The Pacific Northwest Innovation Network**

**2006-2007**

The Pacific Northwest has a vibrant entrepreneurial, high-tech economy; however in an increasingly global economy, building a collaborative research capacity and developing a regional initiative to support and advance market-driven commercialization is essential to ensuring continued growth and prosperity.

#### **Initial Goals**

Supported initially by a grant from the US Economic Development Administration (EDA), the Pacific NorthWest Economic Region (PNWER) has launched the Pacific Northwest Innovation Network to address these challenges and to enhance opportunities related to collaborative research and market-driven commercialization.

- Increase the percent share of research funding in the region.
- Increase direct contact between university researchers and funders, leading to greater understanding and a cementing of relationships for future projects.
- Develop a multidisciplinary structure that will facilitate a broader appreciation of different practices and perspectives and better integration across the region, as well as within individual states and provinces.
- Encourage greater recognition of the strengths and benefits provided by the research community.
- Increase stakeholder involvement in university

research to improve the relevance and impact of that research.

- Improve access to university research, services and funding by entrepreneurs, particularly those in rural areas.
- Provide a forum for technology and business needs to be posted, identified and responded to by regional institutions, entrepreneurs or students.
- Facilitate access to faculty and students that are aware of industry needs and the processes through which knowledge acquires value.
- Raise the global profile of the Pacific Northwest through the notable advancement of knowledge, widely known international collaborations and broad use of intellectual property generated in the region.

#### **Key Tasks for Building a Collaborative Research Capacity**

PNWER will explore and document opportunities and best practices supporting collaborative research capacity among public, private and not-for-profit organizations.

Initially supported by the US EDA grant, key tasks will include:

- Forming the Pacific Northwest Innovation Network Taskforce by convening a regional group of stakeholders.
- Identifying regional cluster, entrepreneurial,



research and development strengths.

- Exploring the potential for developing a shared framework for supporting collaborative innovation.
- Improving the accessibility of information pertaining to existing programs, organizations and policies that support high technology entrepreneurs and start-up ventures.
- Implementing an online tool that enables industry, researchers and other parties to market and exchange intellectual property, research activities and build relationships within the region and globally.
- Developing the Pacific Northwest Innovation Network website that will serve as a clearinghouse for inventories; as well as host regional profiles, economic information and other related tools.

## Additional Tasks

Based on feedback from the High Technology Communications Working Group Meeting at the PNWER Annual Summit in Edmonton, Alberta (July 16-20, 2006) this initiative has been expanded to include issues pertaining to market-driven commercialization and to identify best practices for commercialization of intellectual property stemming from collaborative research.

Key tasks stemming from this discussion include:

- Sharing best practices and needs among regional forums, such as MentorInx and IdealInx to encourage market-driven commercialization and provide best practices for supporting high-technology entrepreneurs.

**If you are interested in joining the Pacific Northwest Innovation Network Taskforce or for more information about this program, please contact Joy Howland at [joy@pnwer.org](mailto:joy@pnwer.org) or 206.443.7723.**

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- Identifying and implementing one or two PNWER-wide demonstration projects that provide models that address collaborative market/commercialization issues and that build on the identified strengths of the provinces/states.

## Next Steps

To leverage seed funding from US EDA grant to develop the concept of the Pacific Northwest Innovation Network in Washington State; while maintaining the intent to expand the initiative to become a highly valued and effective resource for the entire PNWER region.

Key tasks to accomplishing this goal include:

- Raising additional funding to support this ongoing initiative and regional expansion.
- Forming the core group of the Pacific Northwest Innovation Network Taskforce and setting first meeting date in March 2007.
- Leveraging the experience and resources of British Columbia and Alberta supporting online intellectual property marketing and exchange.
- Developing an online directory of existing programs, organizations and policies that support high-tech entrepreneurs and start-up ventures.
- Identifying core strengths of provinces and states within the PNWER region that will provide additional focus to this initiative.
- Developing a track at the 2007 PNWER Annual Summit to encompass demonstration projects and build momentum for the Pacific Northwest Innovation Network.



*Pacific NorthWest  
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**Friend Level - \$1,000**

- The Association of Professional Engineers and Geoscientists of BC
- Burlington Northern Santa Fe Railway
- Nova Chemicals



Pacific NorthWest  
Economic Region

## The PNWER Annual Summit

is only one reason to come to Alaska in 2007.

Here are eight more.



**26 Glacier Cruise** - A pre meeting event is planned for July 21 to travel to Whittier via train and then a cruise to see 26 glaciers. Afterwards attend a fabulous reception on board a Princess Cruise ship in Whittier before heading back to Anchorage.

**Fashion Fur Show Reception & David Green Furrier Factory Tour** - Attend an Alaska reception at the Captain Cook Hotel for an evening of hors d'oeuvres and a fur fashion show. Guests will be able to try on furs and while cloaked in these extraordinary furs have their pictures taken. Don't forget to tour at your leisure sometime during your stay the David Green Furrier Factory where these fabulous furs are crafted.

**Ulu Factory** - The ULU knife (pronounced ooloo) is the most renowned knife in Alaska. Native people of northern Alaska invented this knife centuries ago. It is used for hunting, fishing, skinning, filleting and every other imaginable domestic cutting needs by the Inuit (Eskimo) people. The Ulu Factory is located within walking distance of the conference hotels.

**Tony Knowles Coastal Trail** - Wake up to a refreshing run or walk on the Tony Knowles Coastal Trail. Just a short distance from your hotel, the Coastal Trail is a wonderful way to see Anchorage's coastline and occasionally view wildlife, get a little exercise (or a lot) and some fresh air.



**Alaska Native Heritage Center** - Visit the Alaska Native Heritage Center and see the history of Alaska's diverse Native cultures. Participants can tour the grounds and see first hand the rich heritage of Alaska's Native people. Our opening reception will be held at the Alaska Native Heritage Center on Monday night.

**Musk Ox Farm, Independence Mine State Historical Park, Iditarod Headquarters** - Take a day-long trip into the heart of Alaska's agricultural district and the true home of the Iditarod Sled Dog Race along with a visit to Independence Mine State Historical Park, the Musk Ox Farm, and the Iditarod Trail Headquarters.

**Crow Creek Mine** - Crow Creek is on the Register of National Historic Places, and the old mining camp buildings are the oldest in the Municipality of Anchorage. The first claims at Crow Creek were staked in 1897. Mining operations started thereafter, and the original buildings of 1898, which make up the camp, still stand today. This will be your opportunity to try your hand at gold panning! Crow Creek Mine is a short drive from downtown Anchorage along Turnagain Arm.

**Prudhoe Bay Tour** - On July 26, a limited number of PNWER delegates will visit BP operated facilities in Prudhoe Bay, where the Trans-Alaska Pipeline begins supplying more than 20% of the domestic oil production to the United States. The oil must first travel through more than 800 miles of rugged Alaskan terrain before reaching Valdez in Prince William Sound. You'll learn about technological capability of both BP and ConocoPhillips to stem the decline of North America's largest oil fields, as well as how they are meeting the challenge of new production with environmental sensitivity.



Plan to arrive in Anchorage July 20 and depart July 27 unless you plan other pre or post activities on your own.

Visit us at [www.pnwer.org](http://www.pnwer.org) for more information.



JOIN US NEXT YEAR IN ANCHORAGE,  
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**206-443-7723**  
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**SCOMM**

**146:13**

**At this time we will call the meeting to order.**

Let the record reflect the time is 2 pm on Saturday, April 05, 2008.

Let the record show that

- Representative Gatto
- Representative Lynn
- Representative Kohring
- Representative Johansen
- Representative Doll
- Representative Doogan
- And myself Representative Neuman

**and that we have a quorum.**

(Let the record also reflect that \_\_\_\_\_ has been excused from the committee meeting today.)

Today we will be hearing an **Overview of Alaska's Gas Needs and a Market Assessment.**

Presentation by: **Alaska Natural Gas Development Authority (ANGDA) & Science Applications International Corporation (SAIC).**

**Harold Hinze, Christopher Ellsworth, Charles Thomas.**

Before you start please, state your name for the record.

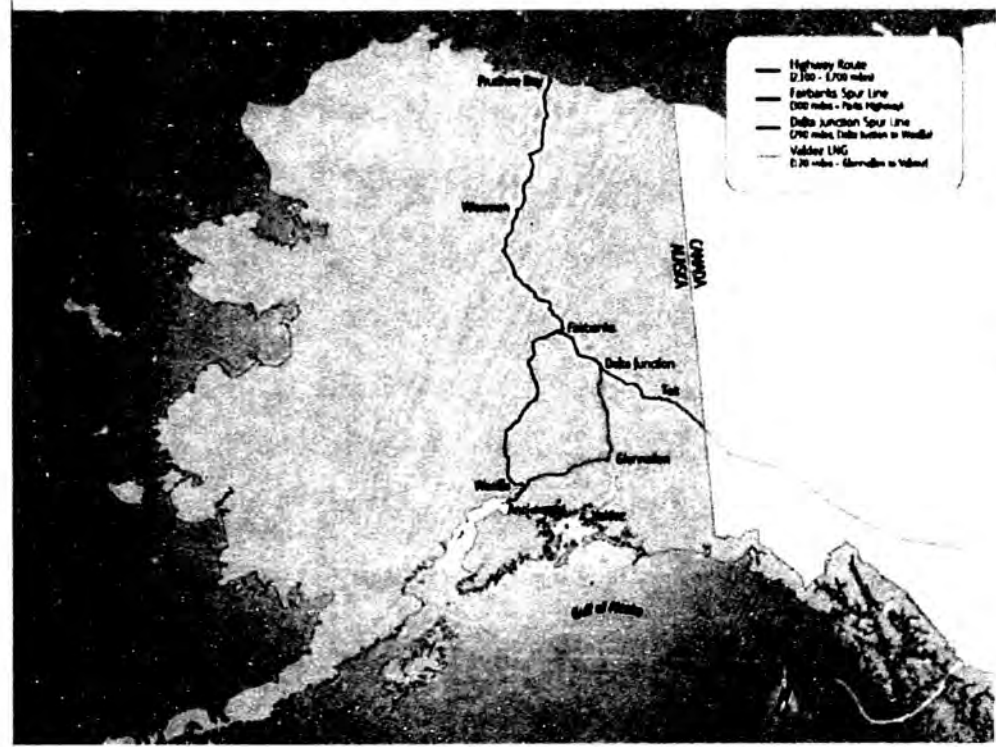
Does the committee have any questions?

Thank You.

This committee is adjourned



From Science to Solutions™



# Alaska Natural Gas Needs & Market Assessment

## Draft Update Presentation

**Chris Ellsworth**  
ellsworthc@saic.com

**April 5, 2008**

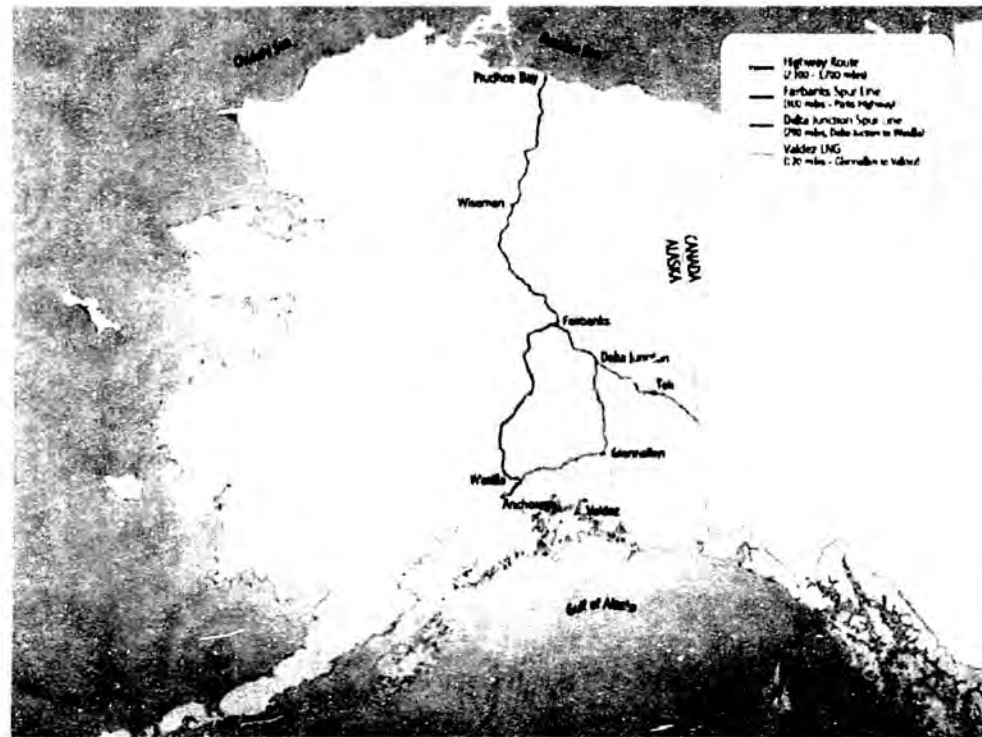


# Agenda

- 1. Background**
- 2. Study Assumptions & Methodology**
- 3. Study Conclusions**
- 4. Study Update**
- 5. Summary**

## 2006 Study Overall Objectives

- ◆ The 2006 spur pipeline feasibility study evaluated:
  - level of sustainable dry gas & NGL demand in South Central Alaska.
    - Residential
    - Commercial
    - Industry
    - Power
  - maximum feasible price of natural gas by sector in S.C. Alaska
  - spur pipeline size, costs, and market storage requirements.
  - Cook inlet gas supply
  
- ◆ This assessment updates the industrial sector analysis



## 2006 Study Advisory Group

- Assisted DOE and SAIC in understanding and framing the issues
- Assisted in obtaining current and complete data
- Provided critical review of approach, analysis, and results

<b>Organization/Member</b>
<b>Alaska Industrial Development and Export Authority: Ron Miller, Executive Director</b>
<b>Alaska Natural Gas Development Authority: Harold Heinze, CEO</b>
<b>Anchorage ML&amp;P: James Posey, General Manager</b>
<b>ASRC Constructors, Inc.: Marvin Swink</b>
<b>Chugach Electric Association: Lee Thibert, General Manager - Distribution Division/ Bradley Evans, General Manager – Generation and Transmission Division</b>
<b>ENSTAR Natural Gas: Tony Izzo, President</b>
<b>Fairbanks Natural Gas, LLC: Dan Britton, President</b>
<b>Kenai Peninsula Borough: Bill Popp, Oil, Gas and Mining Liaison</b>



## 2006 Study Methodology

**(1) A Bottom-up Approach** to determine sustainable NG demand

- Current Uses
- New Uses (Blue Sky)

**(2) Integrated Market Analysis** to show the impact of an integrated Lower 48 gas market and global product markets on the development of South Central Alaska's gas market

- Competitiveness with Lower 48 markets.
- Competitiveness with global product markets.

**(3) In summary** – Current and potential users of gas (and NG liquids)?  
What products? In what Quantity? At what price?



## 2006 Study Sectors Studied

### ◆ Industry

- LNG
- GTL
- Ammonia / Urea
- Other
- Petrochemicals
- Propane

} DRY GAS

} NGLs

### ◆ Power Generation

### ◆ Residential / Commercial

} DRY GAS

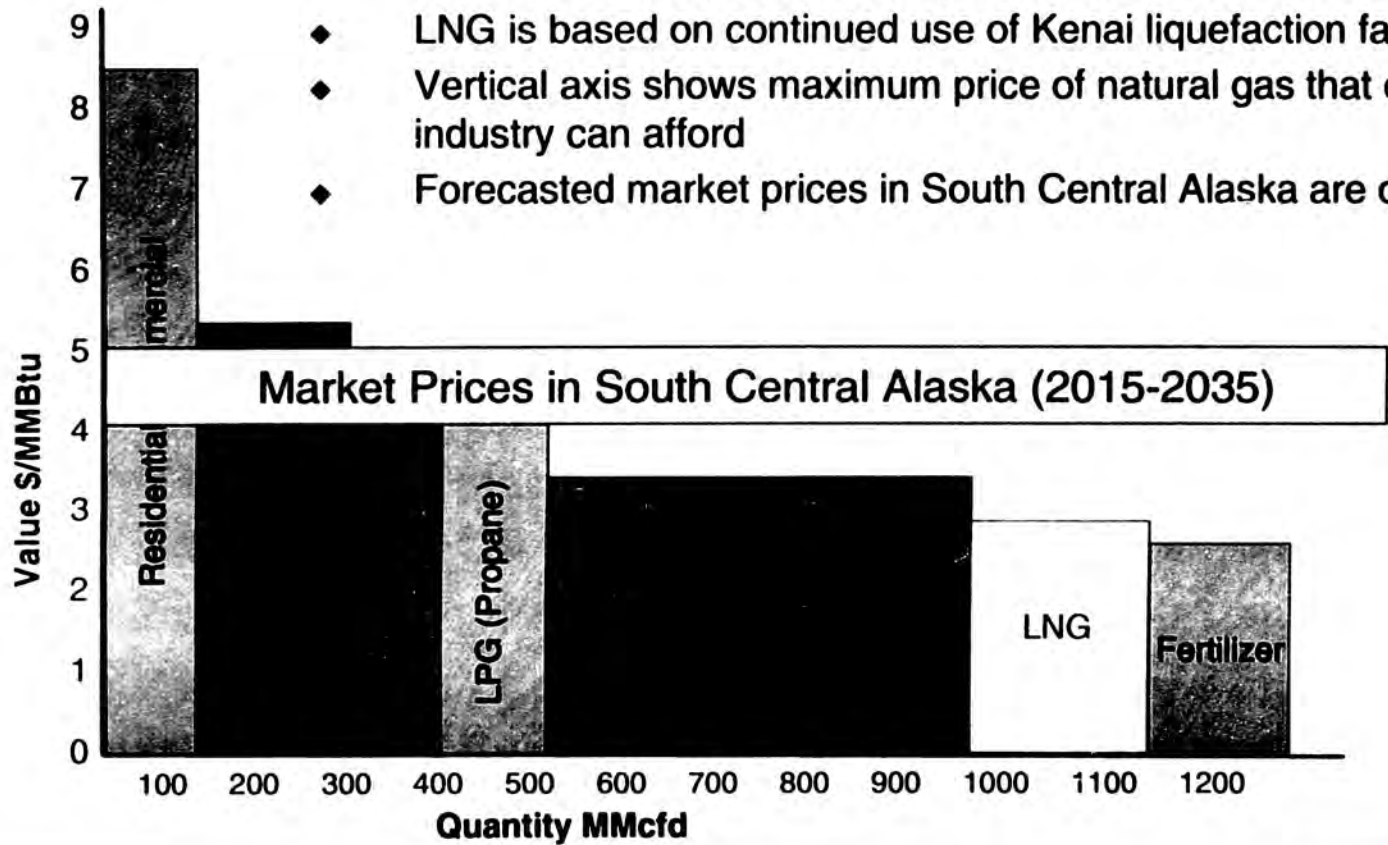
# Industrial Capacity and Gas Requirements

<b>Industry</b>	<b>Capacity</b>	<b>Gas Requirement MMcfd</b>
<b>GTL</b>	50,000 bpd low sulfur diesel	480
<b>LNG</b>	1.7 MMTPA	212
<b>Fertilizer</b>	1.25 MMTPA ammonia 1 MMTPA Urea	185
<b>LPG</b>	54,000 bpd propane	84 (propane)
<b>Petrochemicals</b>	1.27 MMTPA ethylene	119 (equivalent) ethane

# 2006 Study Conclusions

## Base Price Scenario (2025 Snapshot)

- ◆ Horizontal axis shows potential gas demand for each industry based on world class size for petrochemical, LPG, and GTL
- ◆ LNG is based on continued use of Kenai liquefaction facility
- ◆ Vertical axis shows maximum price of natural gas that each industry can afford
- ◆ Forecasted market prices in South Central Alaska are overlaid



# 2008 Update Preliminary Findings



# 2008 Update Study Sectors Studied

## ◆ Industry

- LNG
- GTL
- Ammonia / Urea
- Petrochemicals
- Propane

} DRY GAS

} NGLs

- ◆ *Power Generation*
- ◆ *Residential / Commercial*

} *WET GAS*