

**FINAL AGENDA**

**CENTRAL ASIA**

**CROSS BORDER WATER MANAGEMENT**

**EXCHANGE VISIT TO THE UNITED STATES AND CANADA**

**Portland, Oregon**

**Objective:**

To offer exposure to the U.S. and Canadian experience in negotiating trans-boundary water relations through a close examination of the Columbia River Treaty. The Columbia River Treaty parallels the most prominent features of trans-boundary water contention in Central Asia in a great many respects.

The Columbia River Treaty was originally enacted in 1961 to address a significant increase in electric power demand in the Columbia River Basin and the subsequent demand on water resources in the U.S. and Canada. The agreement is implemented by the Bonneville Power Administration and the U.S. Corps of Army Engineers in the U.S. and by B.C. Hydro in Canada. The treaty is formally set to end in 2024 but there is a provision stating that either entity must give advance notice of their intention to terminate the treaty by 2014 (ten years before the official end of the treaty).

The program will provide a 360 degree overview of the Columbia River Treaty including the negotiations and collaborative studies originally undertaken to enact the treaty, the roles and responsibilities of both the U.S. and Canadian lead entities; and the current reviews being conducted by both the U.S. and Canada to determine if they will continue the treaty after 2024. These reviews are taking into consideration the substantial environmental and wildlife impacts which were not originally envisioned at the time of the treaty.

**Participants**

**Kazakhstan**

1. Shakhmat Nurishev, Ambassador at large, Kazakhstan Ministry of Foreign Affairs
2. Darkhan Nursadykov, First Secretary, Central Asia Department, Kazakhstan Ministry of Foreign Affairs
3. Saghit Ibatullin, Chairman, Executive Committee of the International Fund for Saving the Aral Sea, Correspondent-Member, Kazakh Academy of Agricultural Sciences
4. Deputy Chairman, Executive Committee of the International Fund for Saving the Aral Sea; Director, Agency for the Implementation of the ASBP

5. Murat Bekniyazov, Representative, Republic of Kazakhstan, Executive Committee of the International Fund for Saving the Aral Sea

### **Tajikistan**

6. Yunusov Toliboy, Post Deputy Head, Information and the Press, Foreign Policy Analysis and Planning, Ministry of Foreign Affairs, First Secretary of Tajik MFA Law Department
7. Anvar Kamolidinov, Leading Scientific Expert, Tajik Branch, Scientific and Information Center of the Interstate Commission for Water Coordination (SIC ICWC)

### **Uzbekistan**

8. Dinara Ziganshina, Deputy Head, Scientific and Information Center, Interstate Commission for Water Coordination
9. Timur Rakhimov, Head of Division, Department for USA and America Affairs, Ministry of Foreign Affairs of Uzbekistan
10. Rakhmatulla Nurimbetov, Head of Section, Department for Cooperation with structures of CIS, CSTO and SCO, Ministry of Foreign Affairs of Uzbekistan

## **Program**

### **Saturday, January 26, 2013**

PM Delegates arrive Portland, Oregon

Met at airport by Albert Doub, Deputy Program Manager, United States Energy Association (USEA)

Travel to Hotel:  
Embassy Suites Portland Downtown Hotel  
319 SW Pine Street  
Portland, Oregon, 97204-2726, USA  
Tel: +1-503-279-9000

### **Sunday, January 27, 2013**

**Morning:** Breakfast is included in the hotel and is available beginning at 7:00 a.m.

10:00am Meeting with USEA in Hotel:

- Review agenda for the week
- Distribute Per diem and other relevant documents
- Discuss plans for the remainder of the day

## **Monday, January 28, 2013**

7:45 a.m.      **Meet in hotel lobby to travel to the Northwestern Division U.S. Army Corps of Engineers (USACE)**

8:30 a.m.      **Meeting with the Northwestern Division U.S. Army Corps of Engineers (USACE)**

The USACE serves as one of the two U.S. lead entities for the Columbia Water Treaty. The Northwestern Division is one of nine U.S. Army Corps of Engineers divisions. Its jurisdiction includes 77 dams and reservoirs, 29 hydropower plants, and 1,600 miles of navigable channels covering 14 states and two of the country's longest rivers – the Missouri and Columbia. Its primary civil works missions encompass flood control, navigation, hydropower, fish and wildlife, water quality and irrigation, recreation, and disaster response.

### **Topics to be addressed:**

- General overview of USACE
- USACE responsibilities under the Columbia River Treaty
- Overview of the Columbia Water Treaty
  - History
    - Background and impetus for the treaty
    - International Joint Commission Studies leading up to the treaty
  - Negotiation process and the mutually accepted principles that were applied
  - Treaty provisions
    - General provisions
    - Infrastructure and governance
    - Power coordination agreements
    - Electric Power production
  - Increase in power production in downstream facilities
  - Assured winter flows for power production
    - Flood control
    - Canadian entitlement and other economic considerations
  - Timeline and key dates of the treaty
  - Challenges and successes of the treaty to date

### **Schedule:**

8:30am – 8:45am      **Introductions and Overview of the schedule for the week**  
*Jim Barton, Chief of Columbia Basin Water Management Division*

8:45am - 9:45am      **Transboundary Water Cooperation In Central Asia**  
*Saghit Ibatullin, Chairman, Executive Committee of the International Fund for Saving the Aral Sea*

- 9:45am - 10:00am Break
- 10:00am - 11:00am **Introduction to U.S. Corps of Engineers, Columbia Basin Water Management**  
*Jim Barton, Chief of Columbia Basin Water Management Division*
- 11:00am - 12:00pm **Columbia Basin Treaty - Overview, History, and Challenges**  
*Dick Mittelstadt, former Treaty Permanent Engineering Board Engineering Committee U.S. member, former Technical Manager of Hydropower Analysis Center, Corps of Engineers*
- 12:00pm - 1:30pm Lunch
- 1:30pm – 2:00pm **Deputy Commander's Welcome and Overview of Northwestern Division**  
*COL. Robert Tipton, Deputy Division Commander, Northwestern Division, US Army Corps of Engineers*
- 2:00pm – 3:20pm **Columbia Basin Treaty Review - Impact Assessments and Studies – Challenges Ahead and Resources Required**  
*Dave Ponganis, Senior Executive Service, Regional Director of Programs Northwestern Division, U.S Entity Coordinator*
- 3:20pm - 3:30pm Break
- 3:30pm - 5:00pm **USACE Headquarters - overview of organization; responsibilities under treaties (including boundary waters), interaction with U.S. Department of State**  
*(Presented by Jim) Jerry Webb, Treaty Permanent Engineering Board Secretary, PEB Engineering Committee Chair, Principal Hydrologic & Hydraulic Engineer, Hydrology, Hydraulics & Coastal Community of Practice Leader*

## **Tuesday, January 29, 2013**

### **Full Day Site Visit to Bonneville Dam**

The USCORE operates and maintains Bonneville Lock and Dam for hydropower production, fish and wildlife protection, recreation and navigation. The facility includes two power houses totaling 1,084.2 MW. The first powerhouse has 10 generators with a total capacity of 660 MW; the second powerhouse has 8 generators with a total capacity of 558 megawatts MW. The power is marketed by the Bonneville Power Administration.

#### **Topics to be addressed:**

- Endangered species work in the Columbia and accommodations made for fish flows
- Implications for Columbia River Treaty – 2014 Treat Review

**Schedule:**

9:15am Arrive at dam – met by Dennis Schwartz  
*Bonneville Dam Chief Power Plant Operator*

Tour of dam, fish facilities, navigation locks, powerhouse, visitor’s center

Presentation on endangered species work in the Columbia and accommodations made for fish flows; implications for treaty review  
*Rock Peters, Sr. Fish Program Manager; Dennis Schwartz, Bonneville Dam Chief Power Plant Operator*

**Wednesday, January 30, 2013**

8:30am-10:00am **Fed Caucus Overview and Governance Issues/ Challenges/ Involvement**  
*Rick Mogren, Adjunct Associate Professor of Public Administration Center for Public Service, Hatfield School of Government*

10:00am - 10:15am Break

10:15am - 10:50am **Overview of the Northwest Power Pool**  
*Mike Hansen, Coordination Planning Manager, Northwest Power Pool*

10:50am – 11:30am **Overview of the Pacific Northwest Utilities Conference Committee**  
*Dick Adams, Executive Director, Pacific Northwest Utilities Conference Committee*

11:30am – 1:00pm Lunch

1:150pm – 4:45pm **Meeting with BC Hydro**  
*Doug Robinson, Canadian Entity Secretary*

BC Hydro serves as the Canadian Implementing Entity for the Columbia River Treaty.

BC Hydro operates 31 hydroelectric facilities and three thermal generating plants, totaling 12,000 megawatts (MW) of installed generating capacity I British Columbia. Hydroelectric facilities provide over 95 per cent of the total electricity generated and are located throughout the Peace, Columbia and Coastal regions of B.C.

**Topics to be addressed:**

- General overview of BC Hydro
- BC Hydro's roles and responsibilities under the Columbia River Treaty
- Challenges and successes of the treaty to date - Canadian perspective
- Future plans and the 2014 / 2024 Review Process – Canadian Perspective
- Assessment Studies
  - Environmental
  - Economic
  - Social
  - Legal
  - hydrological
- Stakeholder Review Process.
  - Consultations and “Listening Sessions” with First Nations (tribes) and residents of the Columbia River Basin
- Community Flood Planning
- Interprovincial Agreements
- Water Allocation Plans
- Water Conservation
- Water Use Planning

**Thursday, January 31, 2013**

8:30am – 9:45 am

**Meeting with Bonneville Power Corporation (BPA)**

*Greg Delwiche, Senior Vice President, Power Services of BPA, former US Entity Coordinator*

The Bonneville Power Administration serves as one of the U.S. implementing partners for the Columbia River Treaty.

The Bonneville Power Administration is a U.S. Federal nonprofit agency based in the Pacific Northwest which markets wholesale electric power from 31 federal hydro projects in the Columbia River Basin, one non-federal nuclear plant and several other small non-federal power plants. Approximately one-third of the electric power used in the Northwest comes from BPA.

BPA also operates and maintains nearly three-fourths of the high-voltage transmission in its service territory which includes Idaho, Oregon, Washington, western Montana and small parts of eastern Montana, California, Nevada, Utah and Wyoming. BPA also funds regional efforts to protect and rebuild fish and wildlife populations affected by hydropower development in the Columbia River Basin

9:45am – 10:00am Break

10:00am – 11:30am **Columbia River Treaty – Joint Treaty Overview by both USACE and BPA**

*Rick Pendergrass, Jim Barton, Columbia River Treaty Operating Committee US Section Chairs*

Topics to be addressed:

- Provisions
- Governance
- Power Coordination Agreements
- Electric Power Production
- Flood Risk Management
- Assured Winter Flows
- Downstream Facilities
- Canadian Entitlement
- Key Dates

11:30am - 12:30pm **Panel Discussion on Treaty with all U.S. and Canadian Entities**  
BC Hydro, USACE; BPA

12:30pm – 2:00pm Lunch

2:00pm – 4:00pm **2014 Columbia River Treaty Review Process**

*Matt Rea, Nancy Stephan, Treaty 2014/2014 Project Managers*

- Challenges and Lessons Learned
- 2014 review process & requirements, studies and work to date, & timeline
- Developing a Stakeholder Outreach Plan
- Regional Engagement with Sovereign and Non-Sovereign interests

4:15pm – 5:00pm **Sovereign Review Team Member Presentation**

*Jim Heffernan, Policy Analyst of Columbia River Treaty, Office of the Executive Director, Columbia River Inter-Tribal Fish Commission*

- How sovereigns such as tribes or others view their participation in the Columbia River Treaty

## **Friday, February 1, 2013**

8:30am – 12:00 pm **Meeting with the U.S. Bureau of Reclamation**

*Christopher Cutler, Deputy Chief, Boulder Canyon Operations Office, U.S. Bureau of Reclamation*

The U.S. Bureau of Reclamation is the largest wholesale water supplier in the U.S. and the second largest producer of hydroelectric power in the 17 western states with over 600 dams and reservoirs. The mission of the Bureau is to manage, develop and protect water and related resources in an environmentally and economically sound manner in the interest of the American public.

**Topics to be addressed:**

- General Overview of the U.S. Bureau of Reclamation
- Water Management Strategies
- Coordinating the Competing Needs of Irrigation, Municipalities, Power and the Environment
- Conflict Resolution among Stakeholders including States, Native American tribes, Water and Power Customers
- Water resources supply and demand analysis tools
- Planning for the future

**Saturday, February 2, 2013**

Delegates depart Portland, Oregon for their respective home countries.