

# What does the Columbia River Treaty mean for the following regions today?

Portland, OR  
Wenatchee, WA  
Lewiston, Idaho  
Clarkston, WA  
Grand Coulee, WA  
Yakima, WA

Seattle, WA  
Pasco, WA  
Boise, Idaho  
Sandpoint, Idaho  
Eureka, MT  
Kalispell, MT

2013 Spring Open Houses



# Why is the Treaty's future important to the Portland area?

- ◆ Canadian Treaty reservoirs capture 51% of system-wide storage, providing significant flood risk management for the Portland/Vancouver area.
- ◆ Canadian reservoir operations after 2024 could impact navigation of the Columbia River deep draft and inland waterway channels, affecting the economic viability of ports, including Portland and Vancouver.
- ◆ River operations after 2024 could have both positive and negative impacts on fish and wildlife habitat, water quality and other ecosystem functions in the lower Columbia River and estuary.

## Portland area (continued)

- ◆ Canadian Entitlement payments (currently worth \$250-\$350 million per year) are higher than actual benefits produced in the U.S. today
- ◆ We could use those resources to meet other regional priorities, including:
  - ◆ Return energy costs to ratepayers
  - ◆ Fund ecosystem restoration projects and programs

# Why is the Treaty's future important to the Wenatchee area?

- ◆ Canadian Treaty reservoirs capture 51% of system-wide storage, providing flood risk management for the Wenatchee area.
- ◆ Changes in use of Canadian reservoirs for flood risk management after 2024 may require more effective use of U.S. reservoirs for flood storage; these may affect use of Lake Roosevelt and other storage reservoirs for recreation, fish and wildlife habitat and other purposes.
- ◆ Changes in river operations under the Treaty after 2024 could have both positive and negative impacts on fish and wildlife habitat, water quality and other ecosystem functions in the mid-Columbia River.

# Wenatchee area (continued)

- ◆ Canadian Entitlement payments (currently worth \$250-\$350 million per year) are higher than actual benefits produced in the U.S. today
- ◆ Chelan, Douglas and Grant PUDs pay 27.5% of the total Canadian Entitlement amount, which continues if the Treaty continues after 2024 but would end if the Treaty is terminated.
- ◆ We could use those resources to meet other regional priorities, including:
  - ◆ Return energy costs to ratepayers
  - ◆ Fund ecosystem restoration projects and programs

# Why is the Treaty's future important to the Lewiston/Clarkston area?

- ◆ Changes in use of Canadian reservoirs for flood risk management after 2024 may require more effective use of U.S. reservoirs for flood storage, including Dworshak Lake and Brownlee Reservoir.
- ◆ Those changes may affect use of those lakes and other storage reservoirs for recreation, fish and wildlife habitat, and other reservoir purposes.
- ◆ River operations after 2024 could have both positive and negative impacts on fish and wildlife habitat, water quality and other ecosystem functions in the mid-Columbia River.

## Lewiston/Clarkston area (continued)

- ◆ Canadian Entitlement payments (currently worth \$250-\$350 million per year) are higher than actual benefits produced in the U.S. today
- ◆ We could use those resources to meet other regional priorities, including:
  - ◆ Return energy costs to ratepayers
  - ◆ Fund ecosystem restoration projects and programs
- ◆ Canadian reservoir operations after 2024 could impact navigation of the Columbia River deep draft and inland waterway channels, affecting the economic viability of ports, including **Clarkston and Lewiston**

# Why is the Treaty's future important to the Grand Coulee area?

- ◆ Canadian Treaty reservoirs capture 51% of system-wide storage, providing flood risk management for the Grand Coulee.
- ◆ Changes in use of Canadian reservoirs for flood risk management after 2024 may require more effective use of U.S. reservoirs for flood storage; these may affect use of Lake Roosevelt and other storage reservoirs for recreation, fish and wildlife habitat and other purposes.
- ◆ Changes in river operations under the Treaty after 2024 could have both positive and negative impacts on fish and wildlife habitat, water quality and other ecosystem functions in the Columbia River.

# Grand Coulee area (continued)

- ◆ Canadian Entitlement payments (currently worth \$250-\$350 million per year) are higher than actual benefits produced in the U.S. today
- ◆ Chelan, Douglas and Grant PUDs pay 27.5% of the total Canadian Entitlement amount, which continues if the Treaty continues after 2024 but would end if the Treaty is terminated.
- ◆ We could use those resources to meet other regional priorities, including:
  - ◆ Return energy costs to ratepayers
  - ◆ Fund ecosystem restoration projects and programs

# What does the Treaty mean for the Yakima area today?

- ◆ Canadian Treaty reservoirs provide significant flood risk management for the mid-and lower Columbia River basin.
- ◆ Treaty coordination improves overall predictability of river flows and reservoir levels for water supply, navigation, ecosystem, hydropower and other purposes.

# Why is the Treaty's future important to the Yakima area?

## After 2024:

- ◆ Effective use of U.S. reservoirs for flood storage may affect the use of storage reservoirs for water supply, recreation, fish and wildlife habitat and other purposes.
- ◆ Changes in river operations could have both positive and negative impacts on water supply, fish and wildlife habitat, water quality and other ecosystem functions in the mid- and lower Columbia River.

## Yakima area (continued)

- ◆ Canadian Entitlement payments (currently worth \$250-\$350 million per year) are higher than actual benefits produced in the U.S. today
- ◆ We could use those resources to meet other regional priorities, including:
  - ◆ Return energy costs to ratepayers
  - ◆ Fund ecosystem restoration projects and programs

# What does the Treaty mean for the Seattle region today?

- ◆ Treaty coordination improves overall predictability of river flows and reservoir levels for ecosystem, hydropower, water supply, navigation and other purposes.

# Why is the Treaty's future important to the Seattle region?

## ◆ Canadian Entitlement

- ◆ Payments (currently worth \$250-\$350 million per year) are higher than actual benefits produced in the U.S. today
- ◆ We could use those resources to meet other regional priorities, including:
  - ◆ Return energy costs to ratepayers
  - ◆ Fund ecosystem restoration projects and programs

## Seattle region (continued)

### After 2024:

- ◆ Effective use of U.S. reservoirs for flood storage may affect the use of storage reservoirs for water supply, recreation, fish and wildlife habitat and other purposes.
- ◆ Changes in river operations could have both positive and negative impacts on water supply, fish and wildlife habitat, water quality and other ecosystem functions in the mid- and lower Columbia River.

# What does the Treaty mean for the Pasco area today?

- ◆ Canadian Treaty reservoirs provide significant flood risk management for the mid-and lower Columbia River basin.
- ◆ Treaty coordination improves overall predictability of river flows and reservoir levels for water supply, navigation, ecosystem, hydropower and other purposes.

# Why is the Treaty's future important to the Pasco area?

## After 2024:

- ◆ “Effective use” of U.S. storage reservoirs for flood storage may affect water supply, recreation, fish and wildlife habitat and other purposes.
- ◆ Changes in river operations could have positive and negative impacts on water supply, fish and wildlife, water quality and other ecosystem functions in the mid- Columbia River basin.
- ◆ Changes in Canadian reservoir operations could impact navigation of the Columbia River deep draft and inland waterway channels, affecting the economic viability of regional ports.

## Pasco area (continued)

- ◆ Canadian Entitlement payments are higher than actual benefits produced in the U.S. today
  - ◆ Currently worth \$250-\$350 million per year
- ◆ We could use those resources to meet other regional priorities, including:
  - ◆ Return energy costs to ratepayers
  - ◆ Fund ecosystem restoration projects and programs

# Why is the Treaty's future important to the Boise area?

## After 2024:

- ◆ “Effective use” of U.S. storage reservoirs (including Brownlee and Dworshak in Idaho) for flood storage may affect water supply, recreation, fish and wildlife habitat and other purposes.
- ◆ Changes in river operations could have positive and negative impacts on water supply, fish and wildlife, water quality and other ecosystem functions in the mid- Columbia River basin.
- ◆ Changes in Canadian reservoir operations could impact navigation of the Columbia River deep draft and inland waterway channels, affecting the economic viability of regional ports.

## Boise area (continued)

- ◆ Canadian Entitlement payments are higher than actual benefits produced in the U.S. today
  - ◆ Currently worth \$250-\$350 million per year
- ◆ We could use those resources to meet other regional priorities, including:
  - ◆ Return energy costs to ratepayers
  - ◆ Fund ecosystem restoration projects and programs

# What does the Treaty mean for the Sandpoint area today?

- ◆ Treaty coordination improves overall predictability of flows from Albeni Falls Dam and Lake Pend Oreille water levels for water supply, recreation, ecosystem, hydropower and other purposes.
- ◆ Canadian Treaty reservoirs provide significant flood risk management for the upper Columbia River basin.

# Why is the Treaty's future important to the Sandpoint area?

## After 2024:

- ◆ “Effective use” of U.S. reservoirs for flood storage may affect the management of Lake Pend Oreille for water supply, recreation, fish and wildlife habitat and other purposes.
- ◆ Changes in flows from Albeni Falls Dam could have both positive and negative impacts on water supply, recreation, fish and wildlife habitat and water quality in the upper basin.

# What does the Treaty mean for the Libby and Eureka areas today?

- ◆ Libby Dam is a Columbia River Treaty project and its operation is coordinated with Canada through the Treaty
- ◆ Treaty coordination improves overall predictability of river flows and reservoir operations at Libby Dam, Hungry Horse Dam, Kerr Dam, and others for flood risk management, water supply, navigation, ecosystem, hydropower and other purposes.

# Why is the Treaty's future important to the Libby and Eureka areas?

## After 2024:

- ◆ “Effective use” of U.S. reservoirs for flood storage may affect the use of Lake Koocanusa, Flathead Lake, and others for water supply, recreation, fish and wildlife habitat and other purposes.
- ◆ Changes in flows from Libby Dam could have both positive and negative impacts on water supply, recreation, fish and wildlife habitat and water quality in the upper basin.

## Libby and Eureka areas (continued)

- ◆ Canadian Entitlement payments are higher than actual benefits produced in the U.S. today
  - ◆ Currently worth \$250-\$350 million per year
- ◆ We could use those resources to meet other regional priorities, including:
  - ◆ Return energy costs to ratepayers
  - ◆ Fund ecosystem restoration projects and programs

# What does the Treaty mean for the Kalispell area today?

- ◆ Treaty coordination improves overall predictability of river flows and reservoir operations at Libby Dam, Hungry Horse Dam, Kerr Dam, and others for flood risk management, water supply, navigation, ecosystem, hydropower and other purposes.
- ◆ Libby Dam is a Columbia River Treaty project and its operation is coordinated with Canada through the Treaty

# Why is the Treaty's future important to the Kalispell area?

## After 2024:

- ◆ “Effective use” of U.S. reservoirs for flood storage may affect the use of Hungry Horse Reservoir, Lake Koocanusa, and Flathead Lake for water supply, recreation, fish and wildlife habitat and other purposes.
- ◆ Changes in flows from Hungry Horse, Libby Dam, and Kerr Dams could have both positive and negative impacts on water supply, fish and wildlife habitat, water quality and other ecosystem functions in the mid- and lower Columbia River.
- ◆ Recreation
  - ◆ Access to boat ramps on reservoirs
  - ◆ Changes to river flows affecting boating and fishing

## Kalispell area (continued)

- ◆ Canadian Entitlement payments are higher than actual benefits produced in the U.S. today
  - ◆ Currently worth \$250-\$350 million per year
- ◆ We could use those resources to meet other regional priorities, including:
  - ◆ Return energy costs to ratepayers
  - ◆ Fund ecosystem restoration projects and programs