



# The Columbia River Treaty

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Summit  
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# Columbia River Treaty (1961/64)

- 15 maf of storage in Canada (Mica, Duncan, Keenleyside/Arrow)
- Downstream flood control and power generation benefits
- Sharing of downstream benefits – incl. Canadian Entitlement to  $\frac{1}{2}$  of downstream power benefits



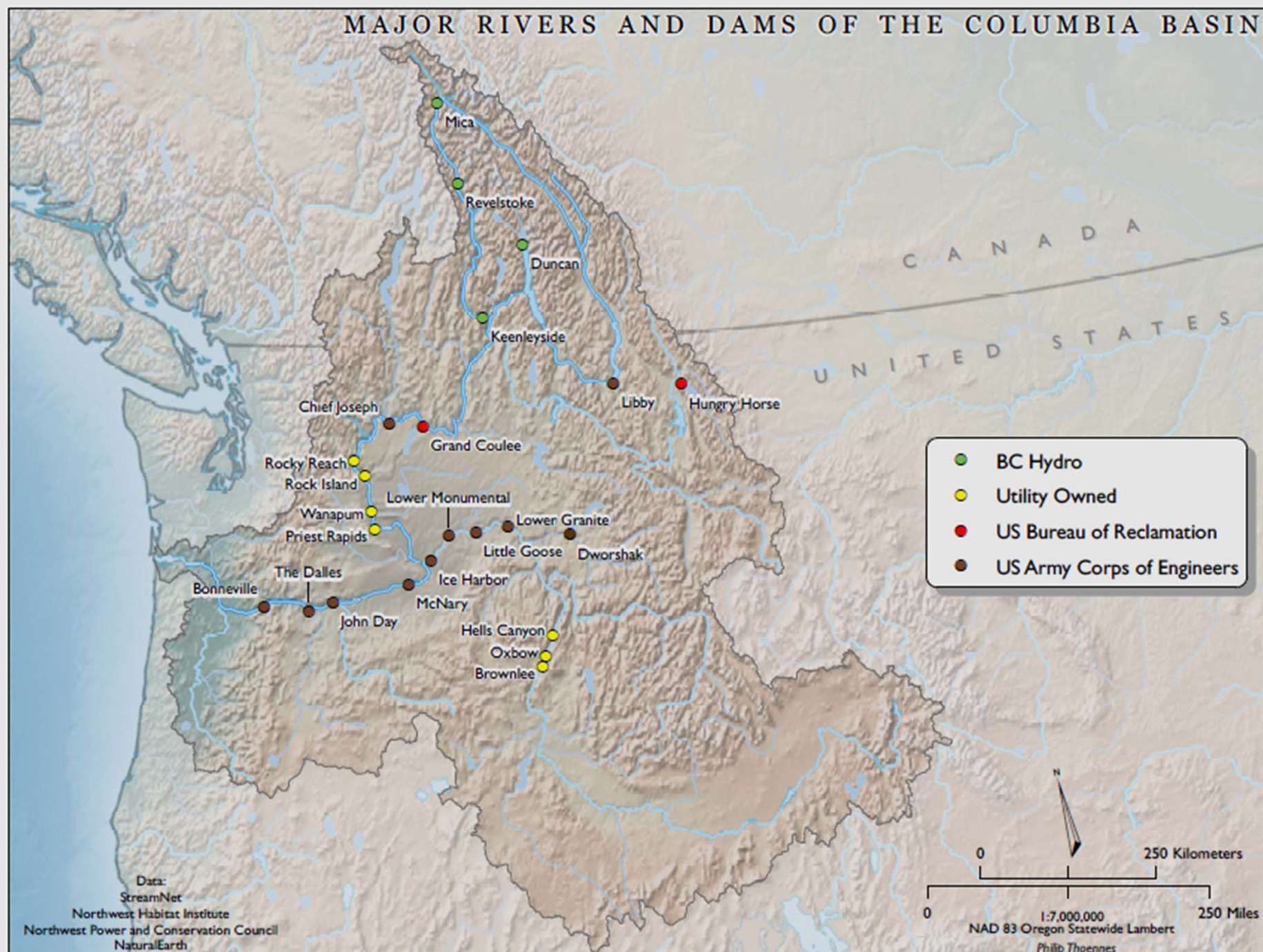
# Columbia River Treaty (cont'd)

- US authorized to build Libby Dam on Kootenai River
  - no sharing of benefits
  - operations coordinated
- Entities designated to implement Treaty are BC Hydro in BC; Bonneville Admin and Corps Div Commander in US

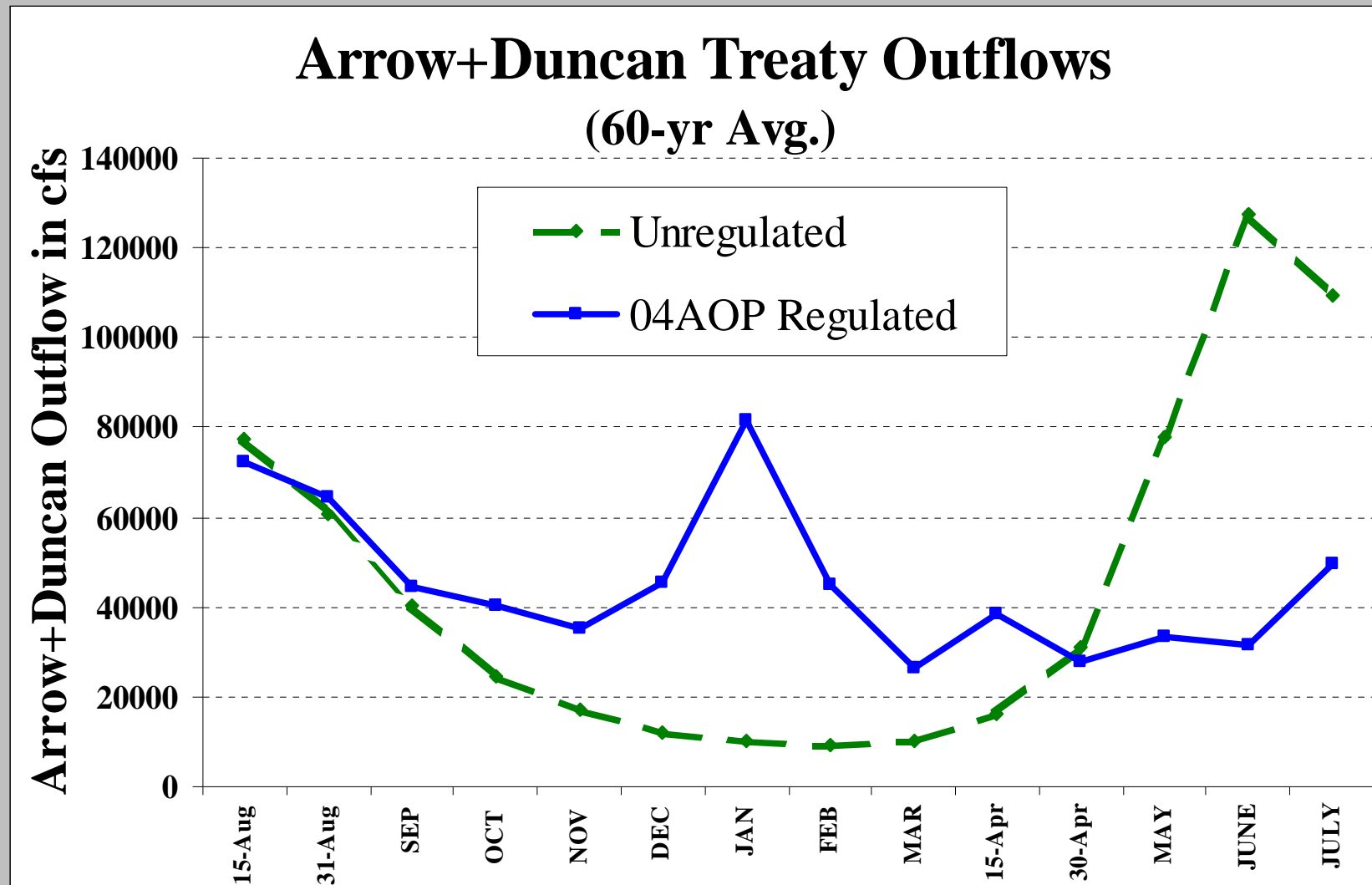




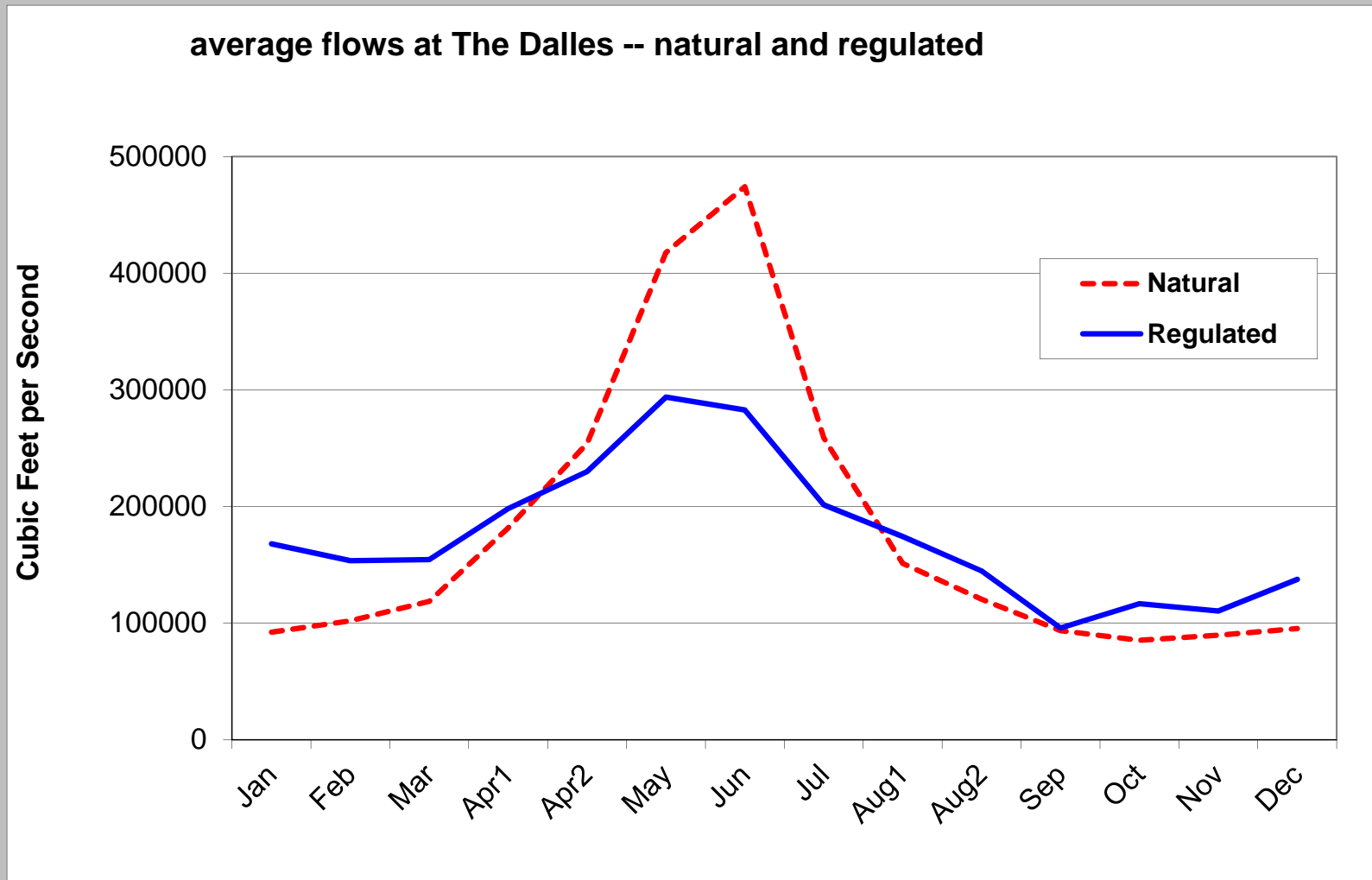
# MAJOR RIVERS AND DAMS OF THE COLUMBIA BASIN



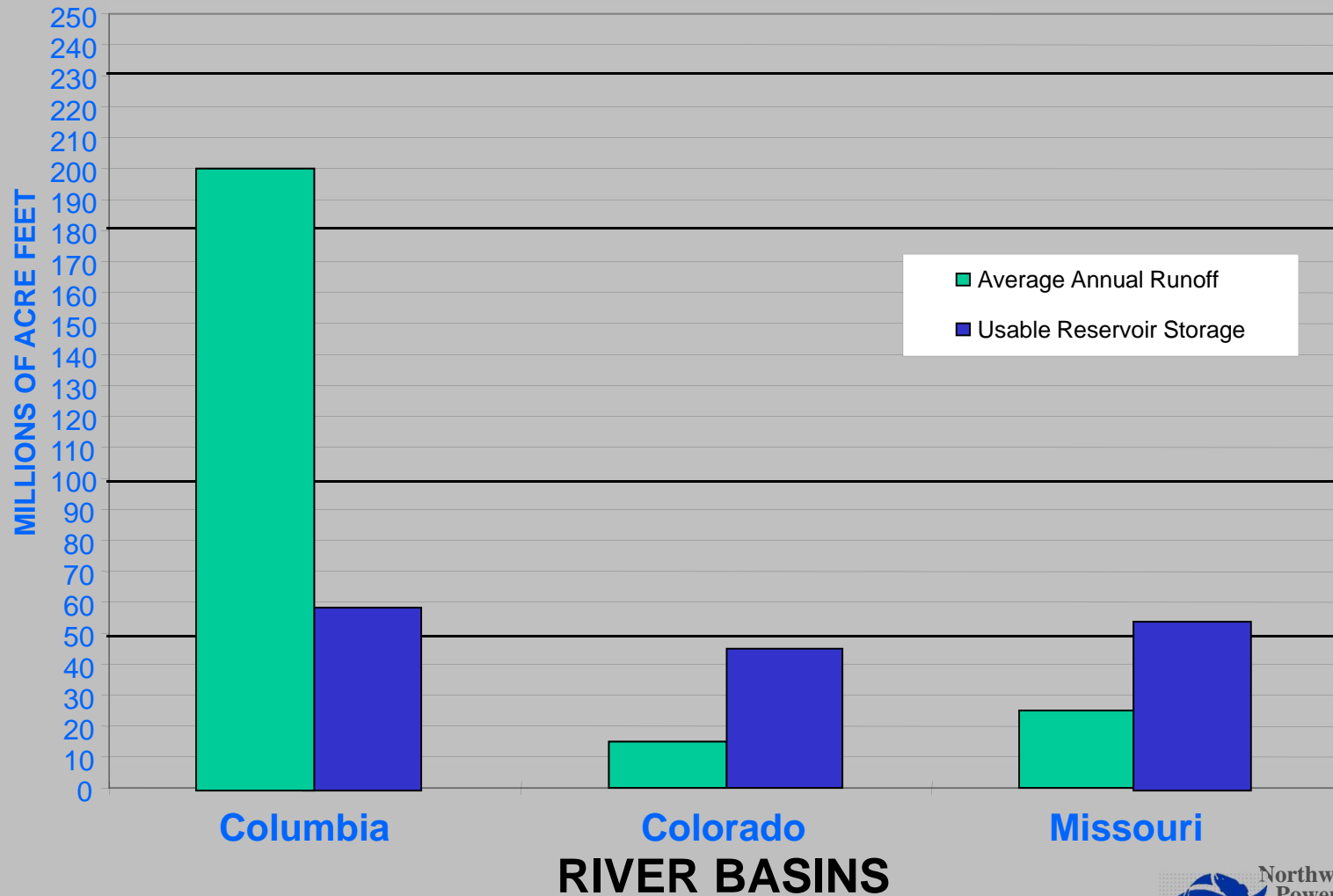
# Canadian Outflows for Power and Flood Control on Planning Basis



# Columbia River: average regulated flows



# AVERAGE ANNUAL RUNOFF AND USABLE RESERVOIR STORAGE MAJOR WESTERN RIVER BASINS





# 2014/2024 Review

## Columbia River Treaty





# Why the 2014/2024 Columbia Treaty Review?

## Flood control changes in 2024

Assured systematic flood control operations last only 60 years (to 2024):

- Thereafter, flood control will be provided at reservoirs in Canada only when “called upon”
- Conditioned on effective use of US storage first and on compensation for economic losses

# Why the 2014/2024 Columbia Treaty Review?

## Termination Provision – Power

Either nation may unilaterally terminate the Treaty after 60 years (2024)

- Must give at least 10 years notice (hence, 2014 as target for analysis)
- Treaty continues indefinitely unless terminated
- Termination will not affect Libby nor the obligation to provide called-upon flood control
- So in essence, what is subject to termination is the coordinated Treaty power operation

# **In the 2014/2024 Columbia Treaty Review, what about...**

## **Salmon/ecosystem considerations?**

- Ecosystem functions and needs of salmon and other fish and wildlife have been integrated into the domestic law and policy governing river management on both sides of the border in years since 1960s.
- Not formally part of the Treaty (altho can be the subject of annual supplemental operating agreements).





# **In the 2014/2024 Columbia Treaty Review, what about...**

## **Participation/engagement in decisions?**

### **Sovereign Review Team/Technical Review**

United States agencies: (Bonneville, USACE, NMFS, USFWS, BOR, BLM, EPA, USFS, USGS, BIA, NPS)

States: Oregon, Washington, Idaho, Montana

Northwest Indian Tribes: 5 representatives of 15 tribes  
(USRT, CRITFC, UCUT, Cowlitz, CSKT)

### **Northwest Stakeholders:**

- Regional Listening Sessions
- Listening sessions directly between the SRT and regional stakeholders and technical experts

**Public engagement? Open houses?**

**US Columbia River Treaty Review**

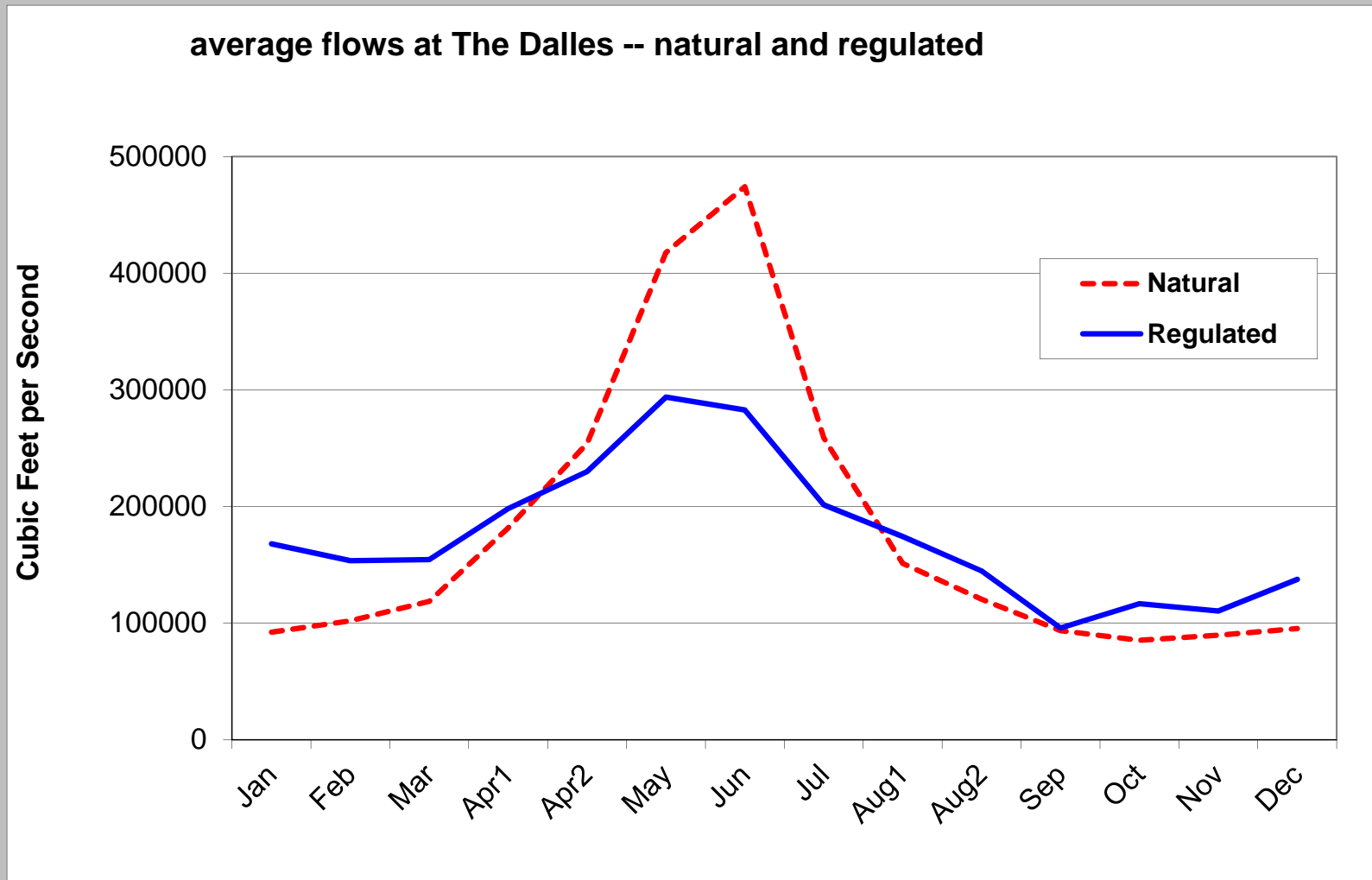




BRITISH COLUMBIA  
ASSEMBLY OF  
FIRST NATIONS

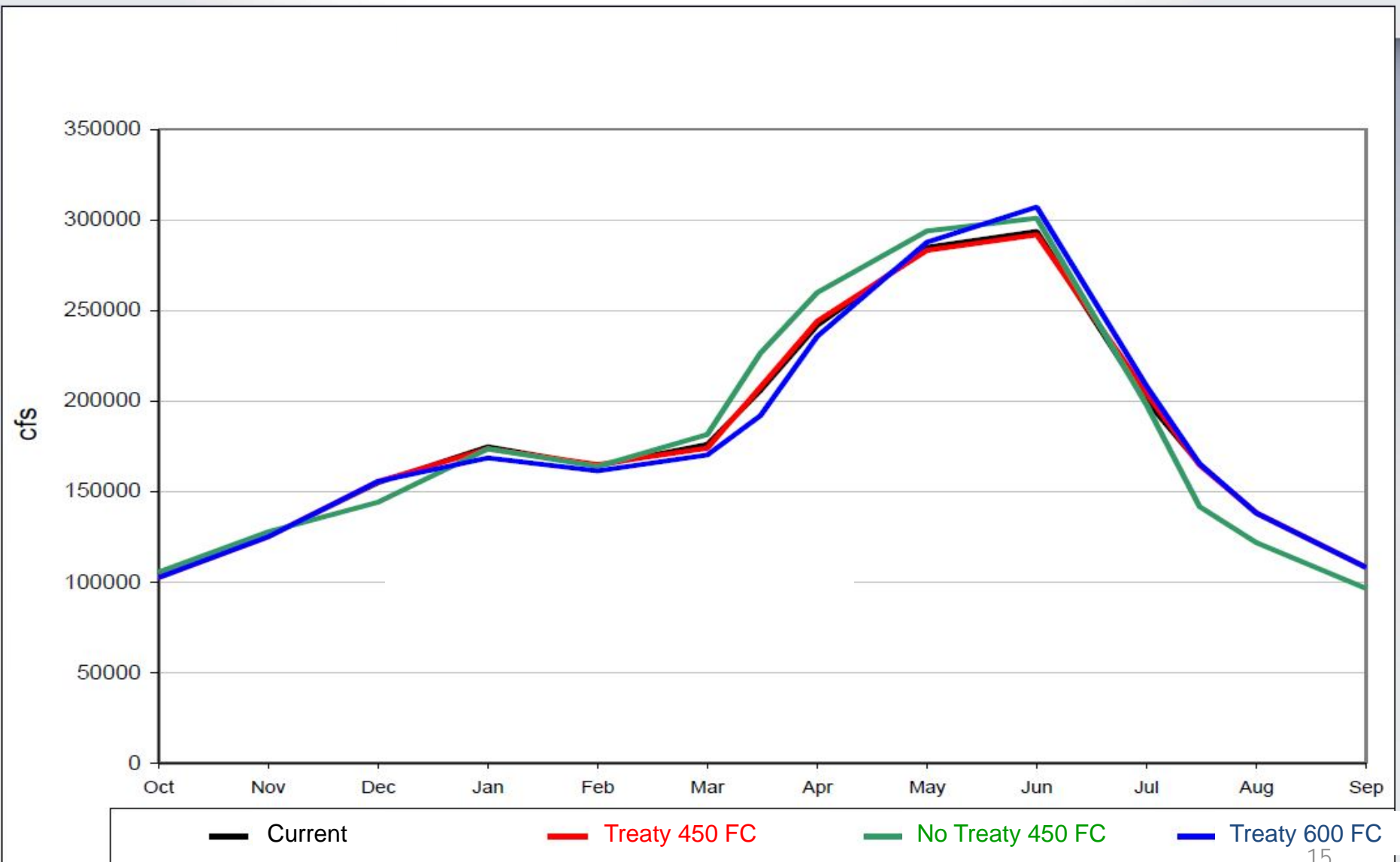


# Columbia River: average regulated flows





# Average Regulated Outflows at The Dalles Dam



# Average Regulated Outflows at The Dalles Dam

