

**Guy Norman**  
Chair  
Washington

**KC Golden**  
Washington

**Jim Yost**  
Idaho

**Jeffery C. Allen**  
Idaho



## Northwest **Power** and **Conservation** Council

**Doug Grob**  
Vice Chair  
Montana

**Mike Milburn**  
Montana

**Ginny Burdick**  
Oregon

**Louie Pitt, Jr.**  
Oregon

August 9, 2022

### **MEMORANDUM**

**TO: Council Members**

**FROM: Jennifer Light, Interim Power Division Director**

**SUBJECT: Energy GPS Studies on Lower Snake River Dams**

### **BACKGROUND:**

**Presenter:** Tim Belden, Energy GPS

**Summary:** Energy GPS will present on two studies related to the Lower Snake River (LSR) Dams.

The first study “Impacts of Lower Snake River Dam Removal and Increased Spill Requirements on Costs, Carbon Emissions, and Reliability” was commissioned by the Public Power Council. This study looks at the impacts from increased spill and potential breaching of the LSR Dams on energy and capacity, carbon emissions, and costs.

The second study “Lower Snake River Dam Power Supply Replacement Analysis” was commissioned by Northwest RiverPartners. This study evaluates the power supply-related cost and carbon emissions impacts of breaching the LSR Dams.

**Background:** This is the third in a series of presentations around studies exploring potential impacts of removal of the LSR Dams, including power replacement, cost, carbon, and other impacts.

More Info: PPC Study available here:  
<https://nwcouncil.box.com/s/1ysiv8rkq4lpd06zibn813m9ae60gbp2>

Northwest RiverPartners here: [https://nwrivertpartners.org/wp-content/uploads/2022/06/EGPSC\\_LSRD-Power-Cost-Replacement-Study\\_6\\_29\\_2022\\_Final\\_1223.pdf](https://nwrivertpartners.org/wp-content/uploads/2022/06/EGPSC_LSRD-Power-Cost-Replacement-Study_6_29_2022_Final_1223.pdf)