

## A look at your dollars...

Many parties have been pushing for the breaching of the 4 Lower Snake River Dams (4LSRD) since their creation.

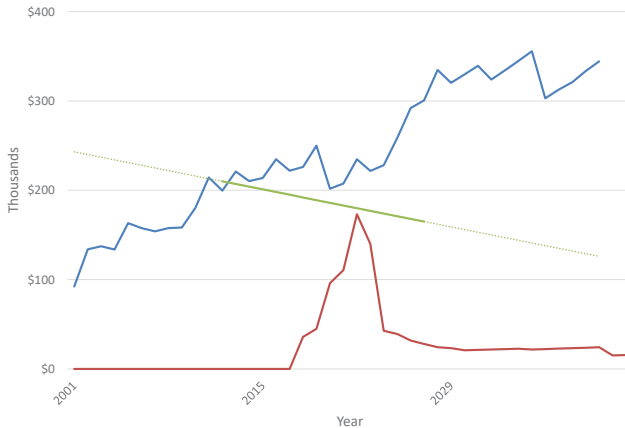
The hydro power function (92% of the dam's function) are funded by Bonneville Power Administration (BPA). BPA sells the generated power to your local public utility departments.

Do you know what your dollars are supporting? The 4LSRD are no longer producing required power and thus are wasting your dollars on unnecessary upkeep.

The numbers you will see on the interior of this brochure were calculated by current and retired federal employees, volunteers, Earth Economics, and Dam Sense. They are accurate estimates of where your money is being spent.

### 2002 Correct and Future Costs of the 4LSRD (Keeping vs. Breaching)

4LSRD Cost Comparison



- Keeping the Dams
- Breach the Dam
- Revenue & Trend-line

# TAKE ACTION

Call these stakeholders and ask to save your tax dollars!

**Contact Governor Inslee**  
(360) 902 - 4111\*

**Contact Senator Murry**  
(425) 259 - 6515\*

\*If you're comfortable doing so, request a meeting

**Contact BPA, Sandy Boardman**  
(503) 230-5102 - ask for Elliot Mainzer

**Contact NOAA, Barry Thom**  
(503) 231-6266

**Contact Corps of Engineers**  
(202) 761-0000

**Say this! But make it your own.**




















Hi, I believe the 4 Lower Snake River Dams are no longer economically viable. Save the rate payer's money and breach the dams in 2018!

This needs to happen in 2018! Waiting longer will not save our BPA!

Learn more at [www.damsense.org](http://www.damsense.org)

# TO BREACH OR NOT TO BREACH?

A BRIEF LOOK AT THE ECONOMIC IMPACT OF THE 4 LOWER SNAKE RIVER DAMS

National Economical Development	Keep the Dams \$0.15 return on \$1 invested!	Breach the Dams \$4.30 - \$19.76 return on \$1 invested!
<b>Endangered Species Mitigation</b> Endangered Souther Resident Killer Whales & Salmon Species	 The US-ACE spent ~\$1 Billion over the last 15 years on failed system improvements for juvenile salmon passage thru the 4LSRD**  Warming reservoirs kill salmon and favor predators which feed off salmon	 The 2002 EIS, states “doing nothing” was better than system improvements and additional fish barges <i>and</i> that breaching was the only significant means to increase salmon stock  Dam breaching is the fastest solution for increasing salmon stock
<b>Hydro-power</b> Lifecycle Implementation	 <ul style="list-style-type: none"> <li>\$202.6* Million dollar benefit; power generated by the 4LSRD** is 2.9% regionally</li> <li>\$269.4* Million, 91% cost</li> </ul>	 <ul style="list-style-type: none"> <li>\$0-\$261.8 *Million cost; regional grid surplus is 5 times the production of 4LSRD**</li> <li>\$29* Million to breach 1 dam/year</li> </ul>
<b>Transportation</b> <i>Inland Navigation is down 50% over the past 20 years</i>	 \$0 - \$7* Million benefit for a \$26.6 *Million cost	 <ul style="list-style-type: none"> <li>\$0 - \$7* Million initial cost for rail improvements (many rail improvements have already been completed)</li> <li>No petroleum shipments; farmers are shifting to rail cars due to the WA Grain Shuttle</li> </ul>
<b>Agriculture &amp; Local Economy</b>	 ~Slack water reservoirs, poor fish habitat, 20,000 acres of flooded land is unavailable	 At least 5,000 acres become available for viticulture, orchards, etc. yielding ~1,000 new jobs and \$80 Million per year  Agricultural lease could provide ~\$15 Million per year to School Budgets
<b>Recreation &amp; Local Economy</b> Recreation Activities (non-anglers)	 \$13.9* Million benefit for a \$1,370 Million cost measured in forfeited consumer surplus  \$500 Million measured in forfeited expenditure	 \$1,370* Million benefit for \$14 Million cost  Significant increase in wide variety of income producing river recreation activities  \$500 Million benefit from new recreation activities
<b>Fisheries</b> Commercial & Tribal (not updated since 1999)	<ul style="list-style-type: none"> <li>\$2.8* Million benefit for \$2.2* Million cost</li> </ul>	 ~\$5 Million benefit for \$0 cost
<b>Other Purposes</b> Flood control & Sediment Irrigation	 2-3 million cubic yards per year drops at Lewiston; this increases flood risk <ul style="list-style-type: none"> <li>30,000 acres with medium value of crops</li> <li>&lt;2% of farmers use 4LSRD** for irrigation</li> </ul>	 <ul style="list-style-type: none"> <li>The 4LSRD** are NOT designed for flood control</li> <li>Sediment moves downstream allowing removal of levees and economic development of riverfront in Lewiston</li> <li>\$60 Million one-time cost to modify pumps and wells</li> </ul>

\*Average Annual Cost at 68% Discount Rate

\*\* Lower Snake River Dams

**It costs more to keep the 4LSRD than it does to breach them!**

**A LOT**

Sources from current and retired federal employees, volunteers, Earth Economics and Dam Sense. Learn more at [www.damsense.org](http://www.damsense.org)