

Energy Vision

FOR THE COLUMBIA BASIN



The 2022 Tribal Energy Vision comes at a time of extraordinary changes in the electric energy system. Its major theme is to ensure that renewable resources in combination with storage, reductions in peak demand, and increased energy efficiency can provide clean, adequate, reliable, affordable electricity and make things better for fish and wildlife and other tribal resources.

Four Critical and Interrelated Issues Facing the NW



**Climate crisis
already
underway**

The region is seeing the effects of climate change all around us.

Tribal elders report altered harvest times of traditional First Foods (salmon, wild game, roots and berries) from when they were younger.



**Salmon at risk
of extinction.**

Climate change is pushing salmon to the brink of extinction.

By 2025, 77% of Snake River spring/summer chinook populations are predicted to reach quasi-extinction level (<50 fish).



**Push for quick
transition to
carbon-free
energy**

An urgent shift from fossil fuels and to electrify everything will impact our entire energy grid.

NPCC projects NW solar/wind projects will add 5GW of capacity by 2027 and another 14GW by 2041.

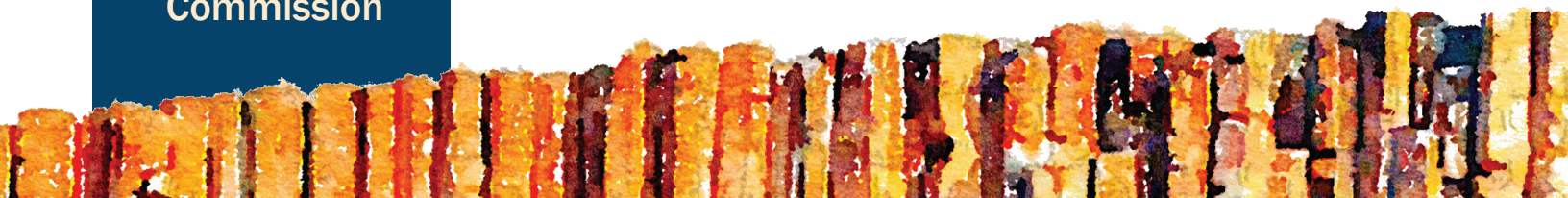


**Bad energy
planning can
make things
worse for
salmon**

If we wait too long, some of our options, flexibility, and transition resources may be lost as we scramble with reactionary solutions based solely on energy stability with no consideration for other concerns



Prepared by the
**Columbia River
Inter-Tribal Fish
Commission**



Goals

Goal 1 Create a regional **energy portfolio that protects and enhances environmental quality**, treaty protected resources, and supports the restoration of Columbia Basin's fish and wildlife to healthy and harvestable population levels.

Goal 2 **Prevent new and reduce ongoing damage to Columbia River Basin resources**, including fish, wildlife, water quality, and tribal cultural resources, by recognizing the relationships and interdependencies of natural and built systems including the Northwest's energy system.

Goal 3 Provide increased **protection for both fish and wildlife and utility customers against unanticipated events**, such as drought, fire and market aberrations while providing an adequate, economical, and reliable electric supply.

Goal 4 **Mitigate climate change impacts to protect Northwest ecosystems** by replacing fossil-fuel electric generation and reducing the reliance on fossil-fuels for power, transportation, and other uses.

Recommendations

The Energy Vision makes 43 recommendations to create a future where the Columbia Basin electric power system supports abundant and sustainable fish and wildlife populations, protects tribal cultural resources, and provides reliable and affordable electricity.

These recommendations fall into nine broad categories:

- Improve River Configuration & Operations
- Amend the Columbia River Treaty
- Reduce Peak Loads
- Maximize Energy Efficiency
- Harness Renewable Resources
- Strategically Site Renewable Resources
- Increase Resource Adequacy
- Minimize Transmission & Distribution System Costs
- Address the Climate Crisis



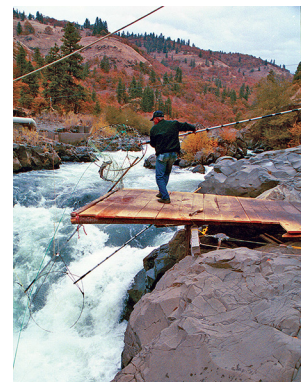
Umatilla tribal members digging roots below windmills.



Fire threatening power lines.
WA Dept of Transportation



New solar panels on the Nez Perce tribal headquarters in Lapwai, Ida.



Yakama fisher dipnetting on his scaffold on the Klickitat River, Wash.