NO NET IMPACT HYDROPOWER

No Net Impact (NNI), an uncommonly high standard for power producers, is a standard Grant PUD achieves to make up for the losses of salmon, steelhead and Pacific lamprey that migrate through our hydropower project.



HIGH LEVEL OF REVIEW, OVERSIGHT AND COORDINATION

Grant PUD's NNI mitigation is overseen and approved by committees with representatives from:

National Oceanic and Atmospheric Administration

U.S. Fish and Wildlife Service

Washington Department of Fish and Wildlife

The Confederated Tribes and Bands of the Yakama Nation

The Confederated Tribes of the Colville Reservation

The Confederated Tribes of the Umatilla **Indian Reservation**

GRANT PUD'S NNI FUND & HABITAT FUND CONTRIBUTIONS

The total amount of annual contributions into the NNI Fund and Habitat Fund made by Grant PUD so far (2006-2021):

MILLION+

This money funds projects ranging from predator removal, adult fish passage, habitat restoration, instream flow enhancements, avian predator evaluations, land acquisitions, fish screen monitoring, and diversion assessment.

JUVENILE SALMON & STEELHEAD **SURVIVAL RATES***

Studies are conducted regularly to estimate juvenile loss and are overseen and approved by the Priest Rapids Coordinating Committee.

Adult survival is nearly 100%.

Spring Chinook Salmon



Sockeye Salmon



Steelhead Trout

*For both Priest Rapids and Wanapum dams.



HATCHERY PRODUCTION

Grant PUD hatchery salmon and steelhead programs.

8 Chinook, 1 Sockeye, 1 Coho, 1 Steelhead In 2021, Grant PUD's hatchery programs released approximately **9.2 million salmon and steelhead*** into the upper Columbia River and its tributaries. Hatchery programs are intended to aid in the restoration of salmon and steelhead listed under the Endangered Species Act, as well as mitigate for impacts to non-listed salmon. Fish produced via hatchery programs provide harvest opportunities from the Columbia River to Alaska.

*Source: Grant PUD (Public Utility District No. 2 of Grant County). 2021. Calendar Year 2020 Activities Under Priest Rapids Hydroelectric Project License FERC No. 2114, Ephrata, WA.



HABITAT PRESERVATION/RESTORATION

Most of the projects are conducted in habitats of the Wenatchee, Entiat, Methow, and Okanogan basins in areas that were impacted by non-hydro activities.



Funds have been used for projects such as:

- ✓ Land Acquisition and Easements
- ✓ Fish Passage
- ✓ Habitat
 Enhancement
- ✓ Instream Flow



FISH SCIENCE

Grant PUD generates and uses the best available science to ensure it is meeting the NNI standard.



The science allows for informed changes to improve programs.

It also contributes knowledge, tools, and approaches to scientists and resource managers throughout the world by publishing results.



OTHER MITIGATION

The clean and sustainable power we generate helps sustain climate conditions beneficial to native species.

Grant PUD also invests in a variety of other activities to avoid, reduce, monitor, and mitigate impacts to plants and animals.

These programs aim to benefit:













Sturgeon

Bull Trout

Rainbow Trout

Pacific Lamprey

Bald Eagles

Rare Plants