



Hydropower Water Rights

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Chelan County PUD No. 1 of Chelan County
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Presentation Structure

- Background
- Constraints
- River System and Energy
- Opportunities



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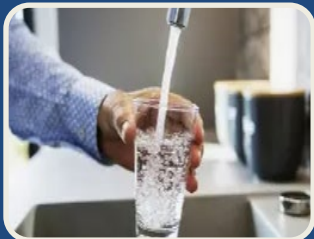
Background - Water Rights Overview



Hydropower water rights



Related water rights: hatcheries, irrigation, and other FERC requirements



Drinking water: municipal water rights supporting the Regional Water System and small water systems



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Background - Hydropower Water Rights

Surface and Reservoir Rights

- Rock Island Hydro Project – nine power generation related water rights

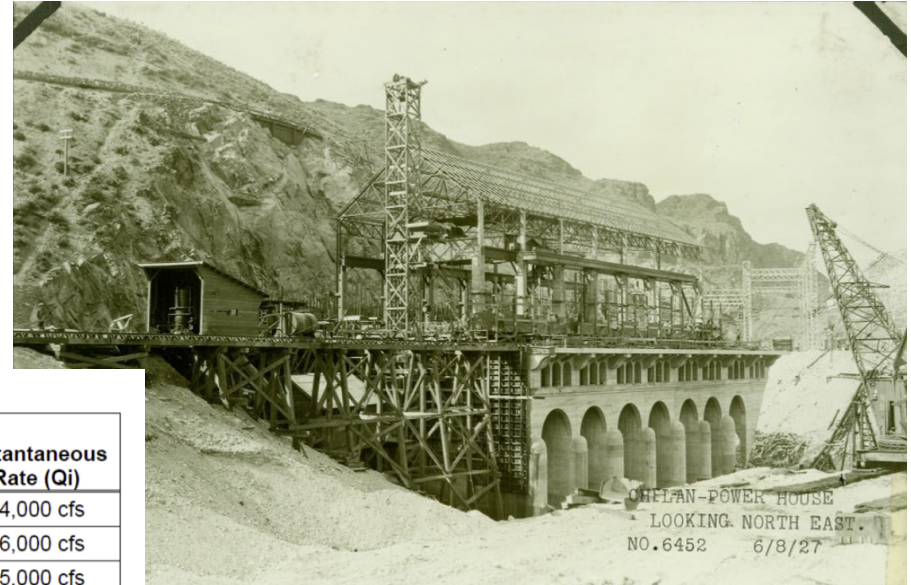


Table 1. Power Generation Water Right Authorizations

Water Right	Priority Date	Purpose	Volume (Qa)	Instantaneous Rate (Qi)
S4-*02466AHVCWRIS	November 28, 1928	Power	-	24,000 cfs
S4-*02857AHVCWRIS	February 21, 1930	Power	-	26,000 cfs
S4-*10182AHVCWRIS	March 10, 1951	Power	-	35,000 cfs
S4-24281CWRIS	May 3, 1976	Power	-	136,000 cfs
R4-*02465AHVCWRIS	November 28, 1928	Power	25,000 af	-
R4-*03762AHVCWRIS	December 7, 1932	Power	67,000 af	-
R4-*10183AHVCWRIS	March 10, 1951	Power	12,000 af	-
R4-*12231AHVCWRIS	April 7, 1953	Power	9,700 af	-
R4-24282	May 3, 1976	Power	17,300 af	-
Total			131,000 af	219,000 cfs



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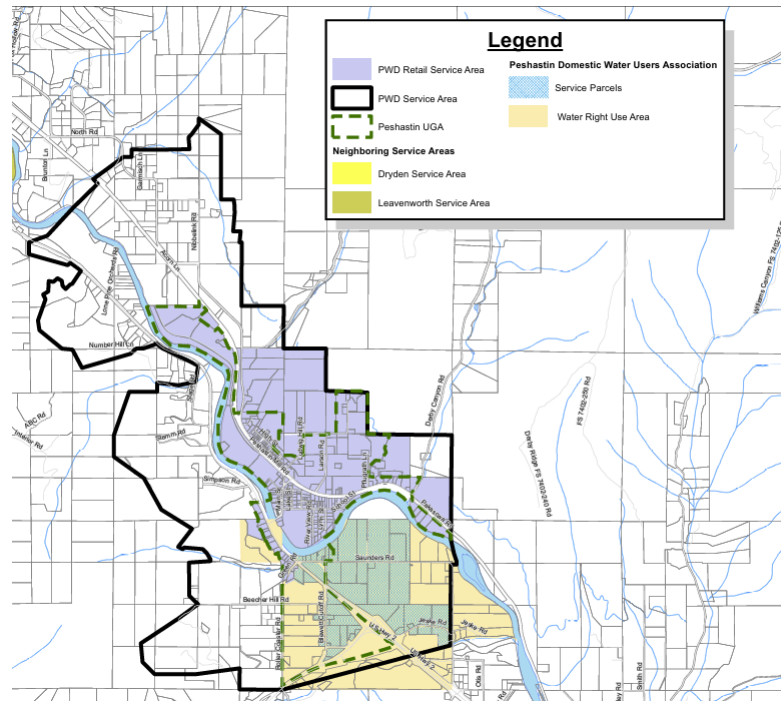
Background - Irrigation Water Rights

- FERC Recreation Requirement
- RCW 54.16.030 - Water and irrigation works



Background – Drinking Water

- Municipal water rights for drinking water and wastewater
- RCW 54.16.030 - Water and irrigation works



Background - Hatcheries

■ Hatcheries

- District hatchery related water rights stem from license requirements to mitigate for the impact of the dams



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Constraints

- FERC licenses
- Statutory requirements/limitations
- Evolving water policy
- Meeting load reliably



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River System and Energy

- Flexible, dependable resource compared to other energy sources
- Operates in real time
- Regulated flow
- Growing load



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Opportunities

- Supporting small municipal drinking water systems
- Partnership with local governments
- Partnerships with tribes
- Alternative clean power options



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Summary

- Reliability
- Long term system management



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