

Project Data

	English Units	Metric Units
Location		
Upstream from the mouth of the Columbia River	545 miles	877.1 kilometers
Upstream from Bridgeport, WA	1.5 miles	2.4 kilometers
Overall length	5,962 feet	1,817.2 meters
Height - bedrock to crest	236 feet	71.9 meters
Width at base	245 feet	74.7 meters
Spillway Section		
Length	980 feet	298.7 meters
Spillway Gates: 19	36 x 58.2 feet	11 x 17.7 meters
Intake Section		
Length	2,036 feet	620.5 meters
Penstocks, 27, steel plate	25 feet (diameter)	7.62 meters (diameter)
Penstocks shell thickness	5/8 inches to 1-1/4 inches	1.59 cm to 3.18 cm
Powerhouse		
Length	2,039 feet	621.4 meters
	16 Units at 88,274 kW	
	11 Units at 109,250 kW	
	2 Units at 3,000 kW	
	First 8 Units on-line:	

Francis Type Turbines	August 1955	
	Next 8 Units on-line: September 1958	
	Last 11 units on-line: 1977- 1979	
<u>Rufus Woods Lake</u>		
Length	51 miles	82.1 kilometers
Drainage area above dam	75,400 miles ²	195,286 kilometers ²
Area, full pool	8,400 acres	34 kilometers ²
Reservoir, gross capacity, full pool	593,000 acre-ft	731,169,000 meters ³
Maximum Pool Elevation	956 feet	291.4 meters
Minimum Pool Elevation	930 ft	283.4 meters

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