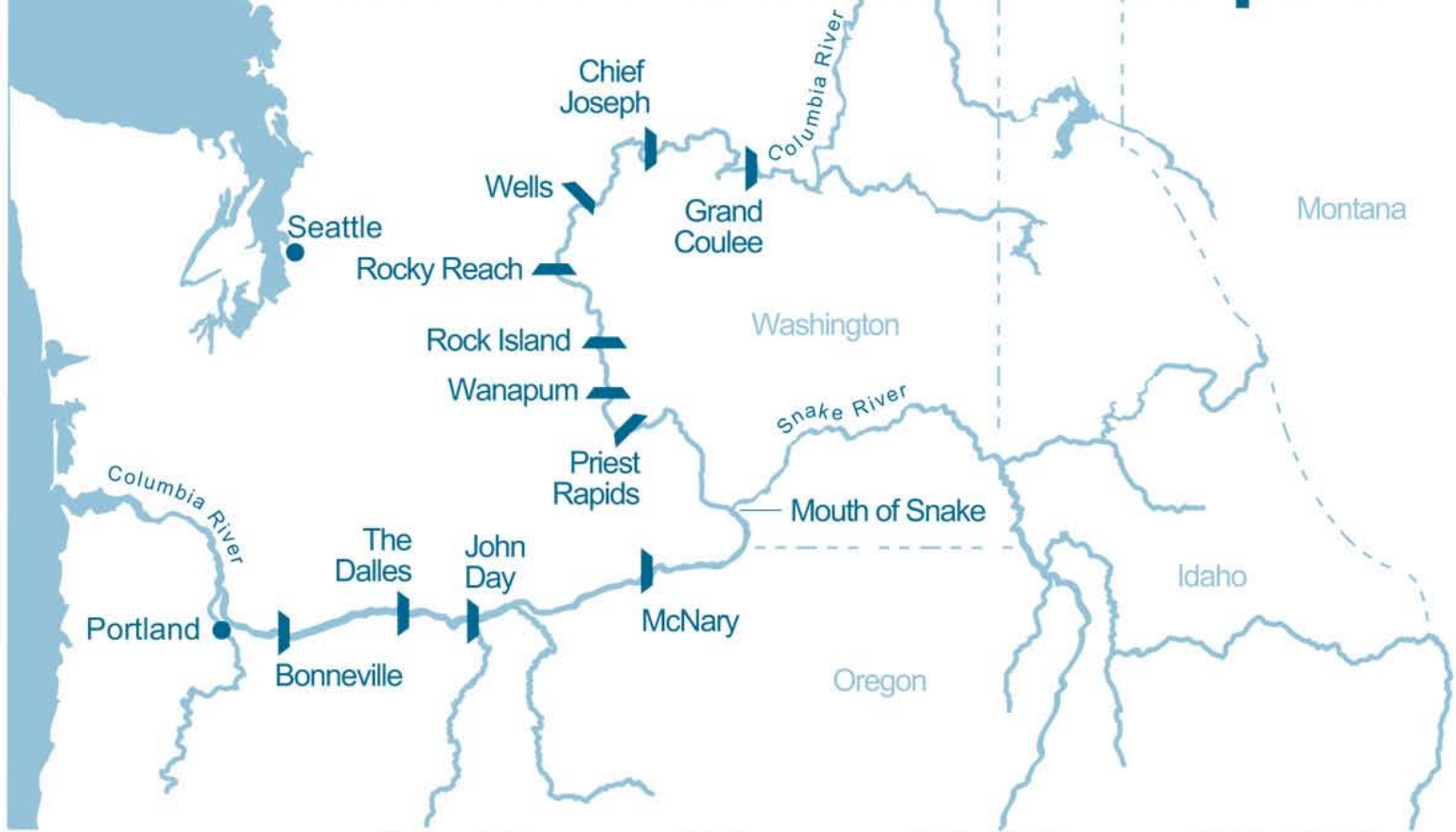


# Columbia River Power Complex



Project	Bonneville	The Dalles	John Day	McNary	Priest Rapids	Wanaupm	Rock Island	Rocky Reach	Wells	Chief Joseph	Grand Coulee
Operating Agency	US Army Corps	US Army Corps	US Army Corps	US Army Corps	Grant County PUD	Grant County PUD	Chelan County PUD	Chelan County PUD	Douglas County PUD	JS Army Corps	Bureau of Reclamation
Year in Service	1938	1957	1968	1953	1959	1963	1933	1961	1967	1955	1941
Number of Units	21	22	16	14	10	10	18	11	10	27	33
Generator Capacity: (megawatts)											
Present	1,087.7	1,807.0	2,160.0	980.0	778.5	950.0	622.5	1,213.2	774.3	2,700.0	6,492.0
Potential	1,087.7	1,807	2,700	2,130	1,262	1,330	622.5	1,213.2	774.3	2,700	10,309
Average Yearly Power Produced: (gigawatt hours)	4,827	8,961	11,335	7,770	5,484	5,659	2,882	6,579	4,520	11,887	22,014
Head through Powerhouse	18.2 m (60 ft)	24.1 m (81 ft)	32.0 m (105 ft)	21.6 m (71 ft)	25.6 m (84 ft)	25.1 m (82.5 ft)	12.5 m (41 ft)	27.7 m (91 ft)	21.0 m (69 ft)	53.6 m (176 ft)	100.6 m (330 ft)
Average Waterflow: (cubic feet per sec)	184,900	179,500	174,000	171,600	120,200	120,000	120,000	116,400	114,200	109,800	109,500
Normal Reservoir Elevation	23.3 m 76.5 msl	48.7 m 160 msl	81.6 m 286 msl	103.6 m 340 msl	148.7 m 488 msl	174.1 m 571.5 msl	186.8 m 613 msl	215.4 m 707 msl	237.4 m 779 msl	291.3 m 956 msl	339.2 m 1290 msl
Distance from Pacific Ocean	234.1 km RM 145.5	308.1 km RM 191.5	346.9 km RM 215.8	469.8 km RM 292	638.9 km RM 397.1	669.0 km RM 415.8	729.5 km RM 453.4	761.1 km RM 473.0	828.8 km RM 515.1	875.5 km RM 541.1	959.9 km RM 596.6

Totals: Total Number of Units = 192

Power Production Capacity  
 Present = 19,565.2 mw  
 Potential = 25,935.7 mw

Yearly Power Produced  
 Average = 91,918,000 mw  
 Firm Year = 73,828,000 mw

msl = mean sea level  
 Head = the distance water falls

Megawatts (mw) = million watts  
 Gigawatts (gw) = billion watts