

Northwest Region

Requirements and Resources

Table 1. Northwest Region Requirements and Resources – Annual Energy shows the sum of the individual utilities' requirements and firm resources for each of the next 10 years. Expected firm load and exports make up the total firm regional requirements.

Average Megawatts	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33
Firm Requirements										
Load ^{1/}	21,814	22,791	23,694	24,558	25,545	26,225	26,485	26,681	26,841	27,006
Exports	520	502	502	501	501	501	501	501	501	501
Total	22,334	23,293	24,195	25,060	26,046	26,726	26,986	27,182	27,342	27,507
Firm Resources										
Hydro ^{2/}	11,459	11,439	11,424	11,462	11,424	11,402	11,200	11,200	11,161	11,005
Small Thermal/Misc.	28	28	28	28	28	18	11	11	11	11
Natural Gas ^{3/}	4,107	4,497	4,801	4,551	4,546	4,544	4,474	4,426	4,225	4,222
Renewables-Other	276	275	273	274	269	268	268	266	264	260
Solar	503	503	503	502	502	501	501	500	498	483
Wind	1,757	1,747	1,747	1,721	1,661	1,623	1,611	1,596	1,596	1,622
Cogeneration	41	41	34	32	31	31	31	31	31	31
Imports	488	488	467	467	453	380	324	310	310	222
Nuclear	1,116	994	1,116	994	1,116	994	1,116	994	1,116	994
Coal	2,583	2,356	1,593	1,065	1,068	891	593	479	497	508
Total	22,357	22,366	21,985	21,096	21,097	20,652	20,127	19,810	19,708	19,357
Surplus (Deficit)	22	(927)	(2,210)	(3,963)	(4,949)	(6,074)	(6,859)	(7,372)	(7,634)	(8,150)

^{1/} Load net of energy efficiency

^{2/} Firm hydro for energy is the generation expected assuming critical (8%) water condition (the methodology is changed for the 2023 report)

^{3/} More energy may be available from natural gas power plants