

Appendix A-3: Actual hydro, wind, solar and biomass generation from 2022 and 2023 (P50, P10 and actuals)

Description	2022*			2023**			Total		
Forecast or actual	P50 Forecast	P10 Forecast	Powercost Actual	P50 Forecast	P10 Forecast	Powercost Actual	Total P50 Forecast	Total P10 Forecast	Total Powercost Actual
Existing Hydro	1,802,205	1,559,790	1,578,927	5,392,338	4,572,981	4,174,500	7,194,544	6,132,771	5,753,427
Chelan PUD - RI & RR	562,597	440,331	514,091	2,127,738	1,664,249	1,428,160	2,690,335	2,104,580	1,942,251
Douglas PUD - Wells Project	294,624	235,743	243,315	1,047,383	838,061	738,791	1,342,007	1,073,804	982,106
Grant PUD – Priest Rapids Project	87,397	70,492	88,441	281,387	231,287	238,776	368,783	301,778	327,217
KERR DAM - Energy Keepers	88,332	88,332	88,308	233,280	233,280	233,212	321,612	321,612	321,520
Lower Baker	101,210	86,941	64,380	238,927	205,243	170,731	340,137	292,184	235,111
Seasonal Capacity PPAs	488,000	488,000	488,000	1,088,000	1,088,000	1,088,000	1,576,000	1,576,000	1,576,000
Snoqualmie Falls	84,574	67,939	21,627	183,667	147,967	114,572	268,241	215,906	136,199
Upper Baker	95,472	82,013	70,765	191,956	164,894	162,258	287,429	246,907	233,023
Existing Wind/Solar/Biomass	884,481	841,051	735,449	2,948,246	2,835,996	2,648,643	3,832,727	3,677,047	3,384,093
Avangrid Renewable (Golden Hills)	113,622	104,222	128,468	544,542	501,754	487,731	658,164	605,976	616,199
Clearwater Wind	225,518	225,518	212,170	864,153	839,070	832,837	1,089,671	1,064,589	1,045,007
Hopkins Ridge (W184)	102,689	95,976	69,126	334,486	326,648	243,331	437,175	422,624	312,456
Klondike Wind Power III	20,739	19,366	18,259	101,764	100,505	93,841	122,503	119,872	112,100
Lower Snake River	200,315	185,023	152,050	548,819	526,749	527,830	749,134	711,772	679,880
Sierra Pacific Industries	51,847	51,847	33,767	84,937	84,937	89,965	136,784	136,784	123,733
Wild Horse (W183)	169,751	159,098	121,610	469,545	456,332	373,108	639,296	615,430	494,718
Grand Total	2,686,687	2,400,841	2,314,376	8,340,584	7,408,977	6,823,143	11,027,271	9,809,818	9,137,520

* 2022: Oct 2022-December 2022

** 2023: Jan 2023- August 2023