

Calendar Year	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
West											
Thermal	2,254	2,254	2,254	2,254	2,254	2,254	2,254	2,254	2,254	2,254	2,254
Hydroelectric	855	861	747	790	643	587	624	655	655	645	658
Renewable	92	90	88	91	91	61	61	56	56	55	54
Purchases	18	18	1	1	1	1	1	1	1	1	1
Qualifying Facilities	213	235	220	227	203	194	187	185	184	182	150
Class 1 DSM	3	3	3	3	0	0	0	0	0	0	0
Sales	(165)	(165)	(165)	(165)	(161)	(110)	(110)	(80)	(80)	(80)	(80)
Non-Owned Reserves	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Transfers	(126)	(63)	(232)	(143)	88	76	70	(0)	(109)	(57)	(40)
West Existing Resources	3,141	3,231	2,913	3,056	3,118	3,060	3,084	3,068	2,959	2,997	2,995
Front Office Transactions	0	0	0	0	0	0	0	0	0	0	0
Gas	0	0	0	0	0	0	0	0	0	0	0
Wind	0	0	0	0	0	0	0	0	0	0	0
Solar	0	0	0	0	0	0	0	0	0	0	0
Class 1 DSM	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
West Planned Resources	0	0	0	0	0	0	0	0	0	0	0
West Total Resources	3,141	3,231	2,913	3,056	3,118	3,060	3,084	3,068	2,959	2,997	2,995
Load	3,202	3,238	3,279	3,293	3,312	3,331	3,351	3,366	3,395	3,415	3,436
Private Generation	(7)	(13)	(19)	(25)	(31)	(37)	(42)	(48)	(55)	(63)	(71)
Existing Resources:	0	0	0	0	0	0	0	0	0	0	0
Interruptible	0	0	0	0	0	0	0	0	0	0	0
Class 2 DSM	0	0	0	0	0	0	0	0	0	0	0
New Resources:	0	0	0	0	0	0	0	0	0	0	0
Class 2 DSM	(35)	(64)	(94)	(122)	(144)	(163)	(181)	(198)	(214)	(228)	(242)
West obligation	3,160	3,161	3,166	3,146	3,137	3,132	3,129	3,120	3,126	3,124	3,123
Planning Reserves (13%)	411	411	412	409	408	407	407	406	406	406	406
West Reserves	411	411	412	409	408	407	407	406	406	406	406
West Obligation + Reserves	3,571	3,572	3,578	3,554	3,545	3,539	3,535	3,526	3,533	3,530	3,529
West Position	(429)	(342)	(665)	(498)	(426)	(479)	(452)	(458)	(574)	(533)	(534)
West Reserve Margin	(1%)	2%	(8%)	(3%)	(1%)	(2%)	(1%)	(2%)	(5%)	(4%)	(4%)

Calendar Year	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
System											
Total Resources	10,513	10,529	10,150	10,258	10,145	10,094	10,120	10,127	10,021	9,993	9,969
Obligation	9,658	9,594	9,544	9,495	9,485	9,502	9,515	9,529	9,539	9,478	9,457
Reserves	1,281	1,273	1,266	1,260	1,258	1,261	1,262	1,264	1,265	1,257	1,255
Obligation + Reserves	10,939	10,867	10,811	10,755	10,744	10,762	10,777	10,793	10,804	10,735	10,712
System Position	(426)	(338)	(661)	(497)	(599)	(668)	(657)	(667)	(783)	(742)	(743)
Reserve Margin	9%	10%	6%	8%	7%	6%	6%	6%	5%	5%	5%

Source: Attachment WRA 5.2-2 and WRA 6.1

Calendar Year	2028	2029	2030	2031	2032	2033	2034	2035	2036
System									
Total Resources	9,346	9,215	9,199	9,214	9,254	9,275	9,297	9,357	9,393
Obligation	9,473	9,517	9,503	9,516	9,551	9,573	9,592	9,646	9,650
Reserves	1,257	1,263	1,261	1,262	1,267	1,270	1,272	1,279	1,280
Obligation + Reserves	10,729	10,779	10,763	10,778	10,818	10,843	10,864	10,925	10,929
System Position	(1,384)	(1,565)	(1,564)	(1,564)	(1,564)	(1,568)	(1,568)	(1,568)	(1,537)
Reserve Margin	(1%)	(3%)	(3%)	(3%)	(3%)	(3%)	(3%)	(3%)	(3%)

Source: Attachment WRA 5.2-2 and WRA 6.1