

2008 IRP – Capacity Load and Resource Balance (12% Planning Reserve Margin)

Calendar Year	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
East										
Thermal	5,983	5,998	6,025	6,066	6,066	6,078	6,079	6,087	6,088	5,863
Hydro	135	135	135	135	135	135	135	135	135	135
DSM	345	395	435	465	475	485	495	505	515	525
Renewable	157	157	157	157	157	157	154	154	154	154
Purchase	751	546	541	341	341	341	341	320	320	320
QF	151	151	151	151	151	151	151	151	151	151
Interruptible	237	237	237	237	237	237	237	237	237	237
Transfers	876	952	602	-	-	-	-	-	-	-
East Existing Resources	8,636	8,572	8,284	7,553	7,563	7,584	7,592	7,589	7,600	7,386
Load	6,757	6,949	7,150	7,404	7,643	7,779	8,029	8,303	8,491	8,696
Sale	781	768	758	747	745	745	745	745	659	659
East Obligation	7,538	7,717	7,908	8,151	8,388	8,524	8,774	9,048	9,150	9,355
Planning reserves	745	785	803	853	880	895	924	958	969	993
Non-owned reserves	70	70	70	70	70	70	70	70	70	70
East Reserves	815	855	874	923	951	966	995	1,029	1,040	1,063
East Obligation + Reserves	8,352	8,572	8,781	9,074	9,339	9,490	9,769	10,077	10,190	10,418
East Position	284	1	(498)	(1,521)	(1,776)	(1,906)	(2,176)	(2,488)	(2,590)	(3,033)
East Reserve Margin	15.8%	12.0%	5.7%	(6.7%)	(9.2%)	(10.4%)	(12.8%)	(15.5%)	(16.3%)	(20.4%)
West										
Thermal	2,042	2,050	2,059	2,071	2,083	2,083	2,083	2,083	2,068	2,068
Chehalis	509	509	509	509	509	509	509	509	509	509
Hydro	1,315	1,218	1,216	980	1,009	1,046	1,157	1,150	1,149	1,146
DSM	-	-	-	-	-	-	-	-	-	-
Renewable	90	96	96	90	90	90	90	90	90	90
Purchase	1,310	1,203	753	115	144	111	111	111	111	139
QF	120	120	120	120	120	120	120	120	120	120
Transfers	(878)	(953)	(603)	-	-	-	-	-	-	-
West Existing Resources	4,507	4,242	4,150	3,884	3,955	3,957	4,069	4,062	4,046	4,071
Load	3,393	3,422	3,490	3,587	3,638	3,722	3,769	3,824	3,893	3,978
Sale	499	490	290	258	258	258	158	108	108	108
West Obligation	3,892	3,912	3,780	3,845	3,896	3,980	3,927	3,932	4,001	4,086
Planning reserves	310	325	363	448	450	464	458	459	467	474
Non-owned reserves	7	7	7	7	7	7	7	7	7	7
West Reserves	316	332	370	454	457	471	464	465	473	480
West Obligation + Reserves	4,208	4,243	4,149	4,299	4,353	4,451	4,391	4,397	4,474	4,566
West Position	299	(1)	0	(415)	(398)	(493)	(322)	(335)	(428)	(494)
West Reserve Margin	19.7%	12.0%	12.0%	1.2%	1.8%	(0.4%)	3.8%	3.5%	1.3%	(0.1%)
System										
Total Resources	13,143	12,815	12,433	11,437	11,517	11,541	11,661	11,651	11,646	11,457
Obligation	11,430	11,628	11,687	11,996	12,284	12,504	12,701	12,980	13,151	13,441
Reserves	1,131	1,187	1,243	1,377	1,407	1,437	1,459	1,494	1,513	1,543
Obligation + Reserves	12,561	12,815	12,931	13,373	13,692	13,940	14,160	14,474	14,664	14,984
System Position	583	(0)	(498)	(1,936)	(2,174)	(2,399)	(2,499)	(2,823)	(3,018)	(3,527)
Reserve Margin	17.1%	12.0%	7.7%	(4.1%)	(5.7%)	(7.2%)	(7.7%)	(9.7%)	(10.9%)	(14.2%)