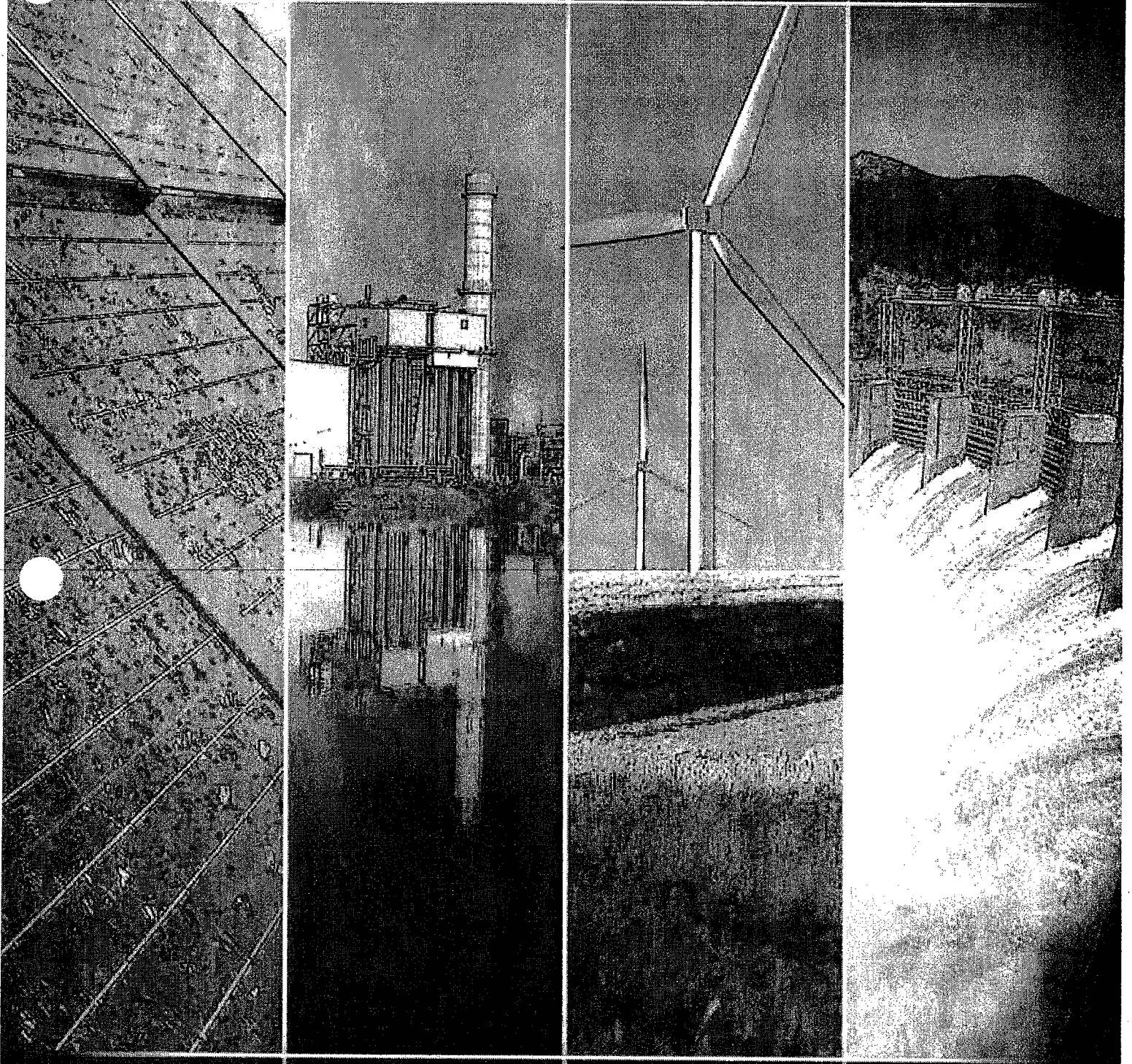


2009 Electric Integrated Resource Plan

August 31, 2009



Chapter 2 - Loads and Resources

Table 2.6: Winter Capacity Position (MW) - Plan for Position Excluding Maintenance

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
REQUIREMENTS																					
Native Load	-1,779	-1,812	-1,839	-1,862	-1,893	-1,937	-1,967	-1,998	-2,033	-2,062	-2,091	-2,124	-2,154	-2,185	-2,222	-2,261	-2,320	-2,352	-2,387	-2,419	
Contracts Obligations	-240	-239	-239	-239	-239	-164	-164	-14	-14	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	
Total Requirements	-2,019	-2,051	-2,078	-2,101	-2,132	-2,101	-2,131	-2,012	-2,046	-2,074	-2,103	-2,136	-2,166	-2,197	-2,234	-2,273	-2,331	-2,364	-2,398	-2,431	
RESOURCES																					
Contracts Rights	657	557	539	539	539	464	464	464	464	462	372	372	372	371	371	371	371	371	371	90	
Hydro Resources	1,030	1,000	972	997	997	997	997	970	997	971	971	944	971	971	971	944	971	971	971	971	944
Base Load Thermals	580	584	584	584	584	584	584	584	584	584	584	584	584	584	584	584	584	584	584	584	584
Peaking Units	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226
Total Resources	2,493	2,366	2,321	2,346	2,346	2,271	2,271	2,244	2,271	2,242	2,153	2,126	2,153	2,152	2,152	2,125	2,152	2,152	1,871	1,871	1,844
PEAK POSITION	474	315	242	246	214	170	141	232	225	169	50	-10	-14	-45	-82	-148	-180	-493	-528	-587	
RESERVE PLANNING																					
Planning Reserve Margin	-267	-272	-276	-279	-284	-291	-295	-300	-305	-309	-314	-319	-323	-328	-333	-339	-348	-353	-358	-363	
Peak Position With Maint.	207	43	-33	-34	-70	-120	-154	-67	-80	-140	-264	-328	-337	-373	-416	-487	-528	-846	-886	-950	
POSITION EXCLUDING MAINT.	313	143	71	66	30	-20	54	60	20	-40	-164	-201	237	-273	-316	-360	-428	-746	-786	-823	

Table 2.7: Summer Capacity Position (MW) - Plan for Position Excluding Maintenance

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
REQUIREMENTS																					
Native Load	-1,659	-1,695	-1,720	-1,739	-1,766	-1,805	-1,830	-1,858	-1,887	-1,912	-1,938	-1,966	-1,993	-2,019	-2,051	-2,085	-2,136	-2,164	-2,194	-2,222	
Contracts Obligations	-241	-240	-240	-240	-240	-165	-165	-15	-15	-13	-13	-13	-13	-13	-13	-13	-13	-13	-13	-13	
Total Requirements	-1,900	-1,936	-1,960	-1,979	-2,006	-1,970	-1,995	-1,872	-1,902	-1,925	-1,951	-1,979	-2,006	-2,032	-2,064	-2,098	-2,149	-2,177	-2,207	-2,235	
RESOURCES																					
Contracts Rights	545	445	425	425	425	350	350	350	350	346	346	346	346	346	346	346	346	346	346	346	
Hydro Resources	953	932	1,020	1,028	1,051	1,028	1,049	1,022	1,022	1,021	1,023	996	996	993	1,028	996	996	1,002	1,023	996	
Base Load Thermals	577	581	581	581	581	581	581	581	581	581	581	581	581	581	581	581	581	581	581	581	
Peaking Units	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	
Total Resources	2,274	2,158	2,225	2,234	2,257	2,159	2,180	2,152	2,152	2,147	2,150	2,122	2,122	2,119	2,155	2,122	2,122	1,864	1,885	1,858	
PEAK POSITION	374	222	266	255	251	189	184	200	250	222	198	143	116	87	90	24	27	313	322	377	
RESERVE PLANNING																					
Planning Reserve Margin	-249	-254	-258	-261	-265	-271	-275	-279	-283	-287	-291	-295	-299	-303	-308	-313	-320	-325	-329	-333	
Peak Position with Maint.	125	-33	8	-6	-14	-82	-90	1	-33	-65	-92	-152	-182	-216	-217	-289	-348	-637	-651	-711	
POSITION EXCLUDING MAINT.	293	122	53	31	0	-45	-74	45	11	-45	-76	-108	-139	-169	-206	-245	-304	-600	-634	-667	

Table 2.8: Annual Energy Position (aMW) - Plan for Contingency Net Position

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
REQUIREMENTS																					
Native Load	-1,148	-1,171	-1,189	-1,202	-1,222	-1,252	-1,270	-1,289	-1,311	-1,329	-1,348	-1,367	-1,386	-1,405	-1,429	-1,452	-1,491	-1,511	-1,533	-1,553	
Contract Obligations	-139	-139	-139	-139	-139	-64	-64	-12	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	
Total Requirements	-1,287	-1,310	-1,328	-1,341	-1,361	-1,315	-1,334	-1,301	-1,322	-1,339	-1,358	-1,378	-1,397	-1,416	-1,439	-1,463	-1,502	-1,522	-1,544	-1,564	
RESOURCES																					
Contract Rights	604	521	487	495	473	420	410	368	346	347	311	322	299	321	321	310	254	61	61	61	
Hydro	538	520	509	511	511	511	511	511	507	496	496	496	496	496	496	496	496	496	496	496	
Thermal Resources	528	528	527	526	542	517	526	528	519	520	530	530	519	520	529	531	519	523	529	530	
Total Resources	1,670	1,569	1,522	1,532	1,526	1,448	1,446	1,407	1,371	1,363	1,337	1,348	1,314	1,337	1,346	1,336	1,270	1,080	1,086	1,087	
POSITION	382	259	194	191	165	133	112	106	49	24	-21	-30	-83	-79	94	-127	-232	-442	-458	-477	
CONTINGENCY PLANNING																					
Contingency Total	-227	-228	-224	-225	-226	-227	-227	-228	-229	-212	-195	-196	-197	-198	-199	-200	-201	-202	-202	-203	
Peaking Resources	153	153	153	144	153	153	153	153	153	153	153	153	153	153	153	153	153	153	153	153	
CONTINGENCY NET POSITION	309	185	123	110	93	59	38	31	-27	-35	-63	-73	-126	-124	-139	-173	-280	-490	-507	-527	