

Fiscal Year 2009 Columbia Generating Station Long Range Plan





Calendar Year	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Item Description	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19
Direct and Indirect O&M Costs		BPA Rate Period		BPA Rate Period			BPA Rate Period			BPA Rate Period	
Baseline costs	\$110,817	\$113,526	\$110,529	\$111,032	\$106,034	\$105,787	\$105,790	\$105,793	\$105,798	\$105,550	\$105,553
Outage Costs (Incremental)	37,247	1,500	39,000	1,500	22,000	1,500	20,000	1,500	18,000	1,500	18,000
Admin / General (A&G)	59,352	64,594	60,815	58,765	57,607	57,334	58,122	57,849	58,637	58,365	58,625
Operations & Maintenance Projects (O&M)	56,240	14,767	46,734	13,500	44,984	16,509	41,984	14,500	41,984	14,500	41,984
Facilities Operations & Maintenance (O&M)	1,384	550	550	550	550	600	600	600	600	600	600
Information Technology O&M Projects	723										
O&M Risk Reserve	4,200	1,532	5,107	1,405	4,553	1,711	4,258	1,510	4,258	1,510	4,258
Outage Risk Reserve	3,800	0	3,510	0	1,984	0	1,804	0	1,623	0	1,623
Baseproj Contingency	1,371	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Subtotal Direct & Indirect O&M Costs	\$275,134	\$197,469	\$267,245	\$187,752	\$238,712	\$184,440	\$233,558	\$182,752	\$231,901	\$183,025	\$231,644
Escalation on Direct & Indirect	0	6,911	19,035	20,412	35,216	34,617	53,544	49,760	73,468	66,419	95,113
Subtotal Direct & Indirect O&M Costs	\$275,134	\$204,380	\$286,279	\$208,164	\$273,928	\$219,057	\$287,103	\$232,512	\$305,369	\$249,444	\$326,756
Capital Costs											
Plant Capital Projects	\$41,735	\$24,010	\$43,151	\$22,150	\$29,779	\$14,713	\$28,938	\$14,614	\$28,938	\$14,518	\$33,306
Facilities Capital Projects	1,630	1,150	1,200	1,297	1,500	1,500	1,500	1,750	1,750	1,750	1,750
Facilities Special Projects	1,090	6,250	4,500	11,100	4,490	4,000	0	500	1,000	0	0
Information Technology Capital Projects	3,518	1,800	1,600	2,913	3,147	2,300	2,300	2,300	2,300	2,300	2,300
Information Technology Special Projects	3,578	2,655	0	0	1,150	2,300	0	0	0	3,000	0
Capital Risk Reserve	13,200	4,982	6,054	3,746	3,892	2,251	3,274	1,916	3,399	1,857	3,736
Main Condenser Project	17,000	26,800	30,600	8,460							
Subtotal Capital Costs	\$81,751	\$67,647	\$87,105	\$49,666	\$43,958	\$27,064	\$36,012	\$21,080	\$37,386	\$23,425	\$41,092
Escalation on Capital Costs	0	1,430	4,025	4,480	6,485	5,080	8,256	5,740	11,844	8,501	16,872
Subtotal Capital Costs	\$81,751	\$69,076	\$91,130	\$54,146	\$50,442	\$32,144	\$44,268	\$26,820	\$49,231	\$31,926	\$57,964
Fuel Related Costs											
Nuclear Fuel Amortization	\$32,723	\$35,154	\$32,449	\$40,853	\$38,081	\$49,847	\$46,013	\$61,734	\$56,985	\$69,471	\$64,502
Spent Fuel Fee	7,860	9,103	8,281	9,078	8,280	9,078	8,280	9,078	8,280	10,200	8,600
Loaned Fuel Revenues	0	0	0	0	0	0	0	0	0	0	0
Subtotal Fuel Related Costs	\$40,583	\$44,257	\$40,730	\$49,931	\$46,361	\$58,925	\$54,293	\$70,812	\$65,265	\$79,671	\$73,102
Total Unescalated	\$397,468	\$309,372	\$395,080	\$287,349	\$329,031	\$270,430	\$323,863	\$274,644	\$334,552	\$286,121	\$345,838
Total Escalation	0	8,341	23,059	24,892	41,700	39,697	61,800	55,499	85,313	74,920	111,985
Total Costs - Industry basis	\$397,468	\$317,713	\$418,139	\$312,241	\$370,731	\$310,126	\$385,663	\$330,143	\$419,865	\$361,041	\$457,823
Total Net Generation (Gwh)	8,239	9,258	7,089	9,383	8,455	9,383	8,507	9,383	8,558	9,383	8,598
Refueling Outage Days	38	-	88	-	33	-	31	-	29	-	27
Cost of Power (Cents per Kwh, constant FY09\$)	4.824	3.342	5.573	3.062	3.891	2.882	3.807	2.927	3.909	3.049	4.023
Cost of Power (Cents per Kwh, escalated)	4.824	3.432	5.899	3.328	4.385	3.305	4.534	3.519	4.906	3.848	5.325

Key Assumption/Qualifications

Escalation Rate = 3.5% starting FY 10

Exception benefits @ 6%

Net generation calculated on Generation worksheet

Fuel Amortization updated 01-30-08