

Fiscal Year 2010 Columbia Generating Station Long Range Plan





Item Description	Calendar Year											
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	
Direct and Indirect O&M Costs	BPA Rate Period		BPA Rate Period		BPA Rate Period		BPA Rate Period		BPA Rate Period			
Baseline costs	\$ 117,361	\$ 116,373	\$ 117,537	\$ 114,345	\$ 112,914	\$ 110,928	\$ 109,178	\$ 109,598	\$ 109,513	\$ 108,102	\$ 113,013	
Outage Costs (Incremental)	880	39,000	900	20,000	900	20,000	900	16,500	900	16,500	500	
Admin / General (A&G) O&M includes escalation	64,879	66,266	69,062	73,824	74,539	76,745	84,664	88,467	92,550	97,104	103,524	
O&M Projects	13,680	46,734	9,075	41,528	9,800	42,176	8,021	40,400	8,079	39,451	8,075	
Facilities O&M Projects	569	550	550	550	600	600	600	600	-	600	-	
Information Technology O&M Projects	412	155	155	475	475	225	575	285	155	1,600	155	
O&M Risk Reserve	793	1,593	830	2,000	750	1,600	500	1,600	500	750	500	
Outage Risk Reserve	-	1,095	-	1,084	-	1,085	-	1,000	-	1,000	-	
Baseproj Contingency	-	312	500	500	500	500	500	500	-	500	-	
Subtotal Direct & Indirect O&M Costs	\$ 198,574	\$ 272,078	\$ 198,609	\$ 254,306	\$ 200,478	\$ 253,859	\$ 204,938	\$ 258,950	\$ 211,697	\$ 265,607	\$ 225,967	
Escalation on Direct & Indirect	-	7,203	9,227	19,622	18,579	33,242	27,573	46,419	37,747	61,149	50,193	
Subtotal Direct & Indirect O&M Costs	\$ 198,574	\$ 279,281	\$ 207,836	\$ 273,928	\$ 219,057	\$ 287,101	\$ 232,511	\$ 305,369	\$ 249,444	\$ 326,756	\$ 275,960	
Capital Costs												
PHC Capital Projects	\$ 15,550	\$ 29,747	\$ 12,729	\$ 20,992	\$ 8,527	\$ 19,864	\$ 7,690	\$ 20,425	\$ 7,324	\$ 24,741	\$ 10,919	
Moveable Capital & Downtown Capital Projects	872	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	
Facilities Capital Projects	1,568	5,700	9,911	5,990	5,500	1,500	2,250	2,750	1,750	1,750	1,750	
Information Technology Capital Projects	12,744	6,020	5,008	6,016	7,384	6,157	5,815	5,987	9,356	6,380	6,400	
Admin / General (A&G) O&M includes escalation	6,167	10,000	8,000	8,100	3,500	6,150	3,500	6,150	3,500	6,300	3,500	
Capital Risk Reserve	4,000	6,054	3,746	3,892	2,251	3,274	1,916	3,399	1,857	3,736	2,000	
Main Condenser Replacement includes escalation	32,831	30,600	8,460	-	-	-	-	-	-	-	-	
Subtotal Capital Costs	\$ 73,732	\$ 89,421	\$ 49,154	\$ 46,290	\$ 28,462	\$ 38,245	\$ 22,471	\$ 40,011	\$ 25,087	\$ 44,207	\$ 25,869	
Escalation on Capital Costs	-	1,709	2,329	4,152	3,682	6,024	4,349	9,220	6,839	13,756	9,185	
Subtotal Capital Costs	\$ 73,732	\$ 91,130	\$ 51,483	\$ 50,442	\$ 32,144	\$ 44,269	\$ 26,820	\$ 49,231	\$ 31,926	\$ 57,963	\$ 35,054	
Fuel Related Costs												
Nuclear Fuel Amortization	\$ 36,415	\$ 28,414	\$ 43,555	\$ 38,081	\$ 49,847	\$ 46,013	\$ 61,734	\$ 56,985	\$ 69,471	\$ 64,502	\$ 74,224	
Spent Fuel Fee	8,989	7,014	8,918	8,280	9,078	8,280	9,078	8,280	10,200	8,600	8,900	
Subtotal Fuel Related Costs	\$ 45,404	\$ 35,428	\$ 52,473	\$ 46,361	\$ 58,925	\$ 54,293	\$ 70,812	\$ 65,265	\$ 79,671	\$ 73,102	\$ 83,124	
Total Unescalated Budget	\$ 317,710	\$ 396,927	\$ 300,236	\$ 346,957	\$ 287,865	\$ 346,397	\$ 298,221	\$ 364,226	\$ 316,455	\$ 382,916	\$ 334,760	
Total Escalation	-	8,912	11,556	23,774	22,261	39,266	31,923	55,639	44,586	74,906	59,378	
Total Costs - Industry basis	\$ 317,710	\$ 405,839	\$ 311,792	\$ 370,731	\$ 310,126	\$ 385,663	\$ 330,144	\$ 419,865	\$ 361,041	\$ 457,822	\$ 394,138	
Total Net Generation (Gwh)	9,258	7,182	9,383	8,455	9,383	8,507	9,383	8,558	9,383	8,598	9,383	
Outage Days	-	78	-	33	-	31	-	29	-	27	-	
Cost of Power (Cents per kWh, constant FY10\$)	3.432	5.527	3.200	4.103	3.068	4.072	3.178	4.256	3.373	4.454	3.568	
Cost of Power (Cents per kWh, escalated)	3.432	5.651	3.323	4.385	3.305	4.534	3.519	4.906	3.848	5.325	4.201	

Key Assumption/Qualifications

Escalation Rate = 3.5% starting FY 11
 Exception Medical Benefits @ 6%