

Fiscal Year 2011 Columbia Generating Station Long Range Plan



CGS Long Range Plan

Item Description	Calendar Year										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	
	BPA Rate	BPA Rate Period	BPA Rate Period	BPA Rate Period	BPA Rate Period	BPA Rate Period	BPA Rate Period	BPA Rate Period	BPA Rate Period		
Direct and Indirect O&M Costs											
Baseline costs	\$ 119,917	\$ 121,651	\$ 116,347	\$ 114,966	\$ 114,810	\$ 112,999	\$ 113,434	\$ 113,346	\$ 111,885	\$ 116,969	
Outage Costs (Incremental)	38,704	932	20,700	932	20,700	932	17,078	932	17,078	518	
Admin / General (A&G) O&M includes escalation	60,648	69,062	72,466	73,699	76,745	84,664	88,467	92,550	97,104	103,524	
O&M Projects	50,043	9,392	42,981	10,143	43,652	8,302	41,814	8,362	40,832	8,358	
Facilities O&M Projects	752	569	569	621	621	621	621	-	621	-	
Information Technology O&M Projects	752	160	492	492	233	595	295	160	1,656	160	
O&M Risk Reserve	1,593	859	2,070	776	1,656	518	1,656	518	776	518	
Outage Risk Reserve	1,095	-	1,122	-	1,123	-	1,035	-	1,035	-	
Baseproj Contingency	312	518	518	518	518	518	518	-	518	-	
Subtotal Direct & Indirect O&M Costs	\$ 273,816	\$ 203,143	\$ 257,265	\$ 202,147	\$ 260,058	\$ 209,149	\$ 264,918	\$ 215,868	\$ 271,505	\$ 230,047	
Escalation on Direct & Indirect	-	4,693	13,163	13,963	27,043	23,363	40,451	33,576	55,251	45,913	
Subtotal Direct & Indirect O&M Costs	\$ 273,816	\$ 207,836	\$ 270,428	\$ 216,110	\$ 287,101	\$ 232,512	\$ 305,369	\$ 249,444	\$ 326,756	\$ 275,960	
Capital Costs											
PHC Capital Projects	\$ 38,212	\$ 13,175	\$ 21,727	\$ 8,825	\$ 20,559	\$ 7,959	\$ 21,140	\$ 7,580	\$ 25,607	\$ 11,211	
Moveable Capital & Downtown Capital Projects	1,720	1,346	1,346	1,346	1,346	1,346	1,346	1,346	1,346	1,346	
Facilities Capital Projects	299	10,258	6,200	5,693	1,553	2,329	2,846	1,811	1,811	1,811	
Information Technology Capital Projects	5,943	5,183	6,227	7,642	6,185	5,915	6,022	9,587	6,435	6,624	
Admin / General (A&G) Cap includes escalation	7,314	8,000	8,100	3,500	6,365	3,623	6,365	3,623	6,521	3,623	
Capital Risk Reserve	2,237	3,877	4,028	2,330	3,389	1,983	3,518	1,922	3,867	2,070	
Main Condenser Replacement includes escalation	40,870	8,460	-	-	-	-	-	-	-	-	
Subtotal Capital Costs	\$ 96,595	\$ 50,299	\$ 47,628	\$ 29,336	\$ 39,397	\$ 23,155	\$ 41,237	\$ 25,869	\$ 45,587	\$ 26,685	
Escalation on Capital Costs	-	1,184	2,813	2,809	4,872	3,665	7,994	6,057	12,376	8,369	
Subtotal Capital Costs	\$ 96,595	\$ 51,483	\$ 50,441	\$ 32,145	\$ 44,269	\$ 26,820	\$ 49,231	\$ 31,926	\$ 57,963	\$ 35,054	
Fuel Related Costs											
Nuclear Fuel Amortization	\$ 30,583	\$ 43,555	\$ 38,081	\$ 49,847	\$ 46,013	\$ 61,734	\$ 56,985	\$ 69,471	\$ 64,502	\$ 74,224	
Spent Fuel Fee	7,085	8,918	8,280	9,078	8,280	9,078	8,280	10,200	8,600	8,900	
Subtotal Fuel Related Costs	\$ 37,668	\$ 52,473	\$ 46,361	\$ 58,925	\$ 54,293	\$ 70,812	\$ 65,265	\$ 79,671	\$ 73,102	\$ 83,124	
Total Unescalated Budget	\$ 408,079	\$ 305,915	\$ 351,254	\$ 290,408	\$ 353,748	\$ 303,116	\$ 371,420	\$ 321,408	\$ 390,194	\$ 339,856	
Total Escalation	-	5,877	15,977	16,771	31,915	27,028	48,445	39,633	67,627	54,282	
Total Costs - Industry basis	\$ 408,079	\$ 311,792	\$ 367,231	\$ 307,179	\$ 385,663	\$ 330,144	\$ 419,865	\$ 361,041	\$ 457,821	\$ 394,138	
Total Net Generation (Gwh)	7,395	9,383	8,313	9,383	8,507	9,383	8,558	9,383	8,598	9,383	
Outage Days	78	-	40	-	31	-	29	-	27	-	
Cost of Power (Cents per kWh, constant FY11\$)	5.518	3.260	4.225	3.095	4.158	3.230	4.340	3.425	4.538	3.622	
Cost of Power (Cents per kWh, escalated)	5.518	3.323	4.418	3.274	4.534	3.519	4.906	3.848	5.325	4.201	

Key Assumption/Qualifications

Escalation Rate = 3.5% starting FY 12

