

Fiscal Year 2012 Columbia Generating Station Long Range Plan



CGS Long Range Plan

Fiscal Year 2012

Item Description	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21
	BPA Rate Period		BPA Rate Period		BPA Rate Period		BPA Rate Period		BPA Rate Period	
Direct and Indirect O&M Costs										
Baseline costs	\$ 125,383	\$ 120,347	\$ 116,025	\$ 116,184	\$ 116,154	\$ 116,852	\$ 116,955	\$ 116,803	\$ 116,955	\$ 116,800
Outage Costs (Incremental)	140	21,425	447	21,425	447	19,236	447	18,012	447	18,000
Admin / General (A&G) O&M includes escalation	69,856	73,622	76,446	79,678	84,280	87,793	91,882	95,404	103,009	106,168
O&M Projects	10,563	44,485	11,727	45,490	10,400	43,277	9,724	43,689	12,762	38,500
Facilities O&M Projects	569	589	649	649	643	643	515	643	643	643
O&M Risk Reserve	1,325	2,142	1,532	2,174	1,532	2,024	536	1,532	536	1,532
Outage Risk Reserve	-	1,161	-	1,162	-	1,162	-	1,162	-	1,162
Subtotal Direct & Indirect O&M Costs	\$ 207,836	\$ 263,772	\$ 206,825	\$ 266,762	\$ 213,455	\$ 270,987	\$ 220,059	\$ 277,245	\$ 234,352	\$ 282,805
Escalation on Direct & Indirect	-	6,656	9,285	20,339	19,056	34,382	29,385	49,512	41,608	64,101
Subtotal Direct & Indirect O&M Costs	\$ 207,836	\$ 270,428	\$ 216,110	\$ 287,101	\$ 232,512	\$ 305,369	\$ 249,444	\$ 326,756	\$ 275,960	\$ 346,906
Capital Costs										
PRC Capital Projects	\$ 26,306	\$ 31,048	\$ 14,883	\$ 23,187	\$ 9,151	\$ 23,261	\$ 8,299	\$ 27,258	\$ 11,799	\$ 20,707
Moveable Capital & Downtown Capital Projects	1,647	1,393	1,393	1,393	1,393	1,393	1,393	1,393	1,393	1,393
Facilities Capital Projects	519	518	518	1,607	2,411	2,946	1,874	1,874	1,874	518
Information Technology Capital Projects	5,777	6,972	7,909	6,401	6,122	6,233	9,923	6,660	6,856	6,453
Admin / General (A&G) Cap includes escalation	5,001	4,800	3,100	4,250	2,575	4,725	3,065	5,560	3,365	4,760
Capital Risk Reserve	2,019	4,169	2,412	3,508	2,052	3,641	1,989	4,002	2,142	3,848
Main Condenser Replacement includes escalation	10,214	-	-	-	-	-	-	-	-	0
Subtotal Capital Costs	\$ 51,483	\$ 48,899	\$ 30,214	\$ 40,346	\$ 23,704	\$ 42,199	\$ 26,544	\$ 46,748	\$ 27,430	\$ 37,680
Escalation on Capital Costs	-	1,541	1,931	3,923	3,116	7,032	5,383	11,215	7,624	11,946
Subtotal Capital Costs	\$ 51,483	\$ 50,441	\$ 32,145	\$ 44,269	\$ 26,820	\$ 49,231	\$ 31,926	\$ 57,963	\$ 35,054	\$ 49,626
Fuel Related Costs										
Nuclear Fuel Amortization	\$ 40,277	\$ 35,530	\$ 54,305	\$ 49,820	\$ 60,028	\$ 54,759	\$ 62,312	\$ 57,335	\$ 68,180	62,003
Spent Fuel Fee	8,805	7,767	8,799	8,073	8,823	8,049	8,799	8,096	8,823	8,024
Subtotal Fuel Related Costs	\$ 49,082	\$ 43,297	\$ 63,104	\$ 57,893	\$ 68,851	\$ 62,808	\$ 71,111	\$ 65,431	\$ 77,003	\$ 70,027
Total Unescalated Budget	\$ 308,401	\$ 355,968	\$ 300,143	\$ 365,001	\$ 306,010	\$ 375,994	\$ 317,714	\$ 389,424	\$ 338,785	\$ 390,512
Total Escalation	-	8,198	11,216	24,263	22,172	41,414	34,768	60,726	49,233	76,048
Total Costs - Industry basis	\$ 308,401	\$ 364,166	\$ 311,360	\$ 389,264	\$ 328,182	\$ 417,408	\$ 352,481	\$ 450,150	\$ 388,017	\$ 466,559
Total Net Generation (Gwh)	9,373	8,473	9,434	8,558	9,434	8,610	9,434	8,649	9,435	8,650
Outage Days	-	35	-	31	-	29	-	27	-	27
Cost of Power (Cents per kWh, constant FY11\$)	3.290	4.201	3.181	4.265	3.244	4.367	3.368	4.502	3.591	4.515
Cost of Power (Cents per kWh, escalated)	3.290	4.298	3.300	4.548	3.479	4.848	3.736	5.205	4.113	5.394

Key Assumption/Qualifications

Escalation Rate = 3.5% starting FY 13