

Fiscal Year 2013 Columbia Generating Station Long Range Plan

DRAFT



Item Description	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23
	BPA Rate Period	BPA Rate Period	BPA Rate Period	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	\$ 126,308	\$ 124,333	\$ 120,138	\$ 122,926	\$ 119,588	\$ 121,786	\$ 119,988	\$ 123,186	\$ 119,988	\$ 122,786	\$ 119,988
Outage Costs (Incremental)	25,028	150	29,750	150	25,200	150	25,200	150	25,200	150	25,200
Admin / General (A&G)	73,479	69,903	70,349	69,444	69,560	68,700	69,634	69,070	69,819	68,752	69,317
O&M Projects	44,024	10,965	46,889	13,052	43,485	11,148	44,054	13,514	42,788	11,082	46,273
Facilities O&M Projects	589	780	890	890	890	890	890	890	890	890	890
O&M Risk Reserve	1,000	1,532	3,336	1,532	2,694	1,294	2,694	1,242	2,694	1,123	2,694
Subtotal Direct & Indirect O&M Costs	\$ 270,428	\$ 207,663	\$ 271,352	\$ 207,994	\$ 261,417	\$ 203,968	\$ 262,460	\$ 208,052	\$ 261,379	\$ 204,783	\$ 264,362
Escalation on Direct & Indirect	-	8,447	21,785	26,491	43,952	45,476	69,213	67,908	96,337	89,041	127,465
Subtotal Direct & Indirect O&M Costs	\$ 270,428	\$ 216,110	\$ 293,137	\$ 234,485	\$ 305,369	\$ 249,444	\$ 331,673	\$ 275,960	\$ 357,716	\$ 293,824	\$ 391,827
Capital Costs											
PRC Capital Projects	\$ 29,818	\$ 22,222	\$ 29,347	\$ 25,142	\$ 34,690	\$ 25,980	\$ 40,769	\$ 25,746	\$ 28,271	\$ 21,037	\$ 42,526
Moveable Capital & Downtown Capital Projects	1,644	1,507	1,507	1,507	1,507	1,507	1,507	1,507	1,507	1,507	1,507
Facilities Capital Projects	537	500	530	535	565	565	565	565	565	565	565
Information Technology Capital Projects	3,001	7,772	6,230	5,789	5,706	9,141	6,115	6,168	5,808	7,555	6,465
Admin / General (A&G)	5,507	3,954	3,846	3,514	4,805	3,214	4,147	3,005	3,724	3,757	3,916
Capital Risk Reserve	4,414	2,412	3,508	2,052	3,641	1,989	4,002	2,142	3,848	2,142	3,848
Fukushima Impacts	5,520	11,600	9,300	6,300	6,100	-	-	-	-	-	-
Subtotal Capital Costs	\$ 50,441	\$ 49,967	\$ 54,268	\$ 44,839	\$ 57,014	\$ 42,396	\$ 57,105	\$ 39,133	\$ 43,723	\$ 36,563	\$ 58,827
Escalation on Capital Costs	-	1,775	3,917	4,945	8,567	8,069	13,311	10,821	14,145	13,649	24,627
Subtotal Capital Costs	\$ 50,441	\$ 51,742	\$ 58,185	\$ 49,784	\$ 65,582	\$ 50,465	\$ 70,416	\$ 49,954	\$ 57,868	\$ 50,212	\$ 83,454
Fuel Related Costs											
Nuclear Fuel Amortization	\$ 39,532	50,732	46,252	64,739	57,477	63,684	56,560	69,672	61,856	74,419	67,090
Spent Fuel Fee	7,923	8,847	8,047	8,956	7,901	8,932	7,899	8,918	7,867	8,894	7,989
Subtotal Fuel Related Costs	\$ 47,455	\$ 59,579	\$ 54,299	\$ 73,695	\$ 65,378	\$ 72,616	\$ 64,459	\$ 78,590	\$ 69,723	\$ 83,313	\$ 75,079
Total Unescalated Budget											
Total Unescalated Budget	\$ 368,324	\$ 317,209	\$ 379,919	\$ 326,528	\$ 383,809	\$ 318,980	\$ 384,024	\$ 325,775	\$ 374,825	\$ 324,659	\$ 398,268
Total Escalation	-	10,222	25,702	31,436	52,519	53,545	82,524	78,729	110,482	102,690	152,092
Total Costs - Industry basis	\$ 368,324	\$ 327,431	\$ 405,621	\$ 357,964	\$ 436,329	\$ 372,525	\$ 466,548	\$ 404,504	\$ 485,307	\$ 427,349	\$ 550,360
Total Net Generation (Gwh)											
Total Net Generation (Gwh)	8,473	9,517	8,291	9,517	8,473	9,517	8,473	9,517	8,473	9,517	8,473
Outage Days											
Outage Days	40	-	47	-	40	-	40	-	40	-	40
Cost of Power (Cents per kWh, constant FY13\$)											
Cost of Power (Cents per kWh, constant FY13\$)	4.347	3.333	4.582	3.431	4.530	3.352	4.532	3.423	4.424	3.411	4.700
Cost of Power (Cents per kWh, escalated)											
Cost of Power (Cents per kWh, escalated)	4.347	3.440	4.892	3.761	5.150	3.914	5.506	4.250	5.728	4.490	6.495

Key Assumption/Qualifications

Blended Escalation Rate = 3.95% starting FY 14