

KINGSTON FOSSIL PLANT OPTION 1 - WET ASH IN POND GYPSUM ON PENINSULA (WITHOUT POND BUFFER) PRESENT WORTH

Table with columns: ITEM No., DESCRIPTION, UNITS, Total Cost 2005 Dollars, Number of Cycles, 2005 Dollars per Cycle, and years 2005-2028. Includes sub-totals for Capital Costs and Operating Costs.

Present Worth of this Option \$ 24,011,034

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KINGSTON FOSSIL PLANT OPTION 2 - DRY ASH IN POND GYPSUM ON PENINSULA
(WITHOUT POND BUFFER)
PRESENT WORTH

Table with columns: ITEM No., DESCRIPTION, UNITS, Total Cost 2005 Dollars, Number of Cycles, 2005 Dollars per Cycle, and years 2005-2029. Includes sub-totals for CAPITAL COSTS, OPERATING COSTS, and Total Capital Costs.

Present Worth of this Option

\$ 56,207,877

KINGSTON FOSSIL PLANT OPTION 3 - WET ASH IN POND GYPSUM IN POND
(WITHOUT BUFFER)
PRESENT WORTH

ITEM No.	DESCRIPTION	UNITS	Total Cost 2005 Dollars	Number of Cycles	2005 Dollars per Cycle	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Present Worth Capital Dollars	
1.1	Contingency on the Road Escalation Factor																														
1	EROSION CONTROL / Sediment Pond	Lump Sum	\$350,426	1	\$350,426																									\$350,426	
2	Seed / Mulch	Lump Sum	\$71,081	1	\$71,081																									\$71,081	
3	South Access Road	Lump Sum	\$54,820	1	\$54,820																									\$54,820	
4	Perimeter Road	Lump Sum	\$107,226	1	\$107,226																									\$107,226	
5	Install Drains For Swan Pond Road	Lump Sum	\$1,967,623	1	\$1,967,623																									\$1,967,623	
7A	Phase 2 Basin Construction	Lump Sum	\$6,114,837	1	\$6,114,837																									\$6,114,837	
7B	Phase 2 Basin Construction	Lump Sum	\$2,089,744	1	\$2,089,744																										\$2,089,744
8	CAFO For Construction Of Disposal Facility	Lump Sum	\$821,066	24	\$34,211	\$39,682	\$37,074	\$38,520	\$39,883	\$41,543	\$43,183	\$44,889	\$46,685	\$48,552	\$50,495	\$52,514	\$54,615	\$56,799	\$59,071	\$61,434	\$63,892	\$66,447	\$69,105	\$71,869	\$74,744	\$77,734	\$80,843	\$84,077	\$87,440	\$1,421,384	
9	Temporary Slope Protection	Lump Sum	\$154,224	1	\$154,224																										\$154,224
10	Riprap Stilling Basin	Lump Sum	\$79,868	1	\$79,868																										\$79,868
20	Dry Fly Ash Conversion	Lump Sum	\$24,175,590	1	\$24,175,590																										\$24,175,590
X	Construction Facility	Lump Sum	\$578,600	11	\$52,600	\$54,862	\$57,001	\$59,224	\$61,475	\$63,873	\$66,384	\$68,918	\$71,479	\$74,059	\$76,659	\$79,271	\$81,905	\$84,561	\$87,239	\$89,939	\$92,663	\$95,412	\$98,186	\$100,985	\$103,808	\$106,655	\$109,526	\$112,421	\$115,340	\$1,899,223	
Z	Nm Manual	Lump Sum	\$1,088,838	11	\$108,749	\$105,081	\$109,179	\$113,237	\$117,248	\$121,240	\$125,211	\$129,169	\$133,104	\$137,014	\$140,902	\$144,769	\$148,616	\$152,444	\$156,254	\$160,046	\$163,821	\$167,579	\$171,320	\$175,044	\$178,751	\$182,441	\$186,114	\$189,771	\$193,412	\$197,037	\$1,511,681
21	Engineering	Lump Sum	\$348,700	1	\$348,700																										\$348,700
	Total Capital Costs		\$ 37,336,870		\$ 3,321,331	\$ 185,825	\$ 203,254	\$ 203,254	\$ 219,208	\$ 227,755	\$ 236,838	\$ 246,103	\$ 255,847	\$ 266,185	\$ 276,833	\$ 287,844	\$ 299,244	\$ 311,044	\$ 323,244	\$ 335,844	\$ 348,844	\$ 362,244	\$ 376,044	\$ 390,244	\$ 404,844	\$ 419,844	\$ 435,244	\$ 451,044	\$ 467,244	\$ 483,844	\$ 500,844
	OPERATING COSTS																														
6	Dredge Cell Phase 1	Lump Sum	\$17,554,347	12	\$882,879	\$1,004,283	\$1,043,450	\$1,084,144	\$1,125,342	\$1,168,230	\$1,212,830	\$1,259,023	\$1,306,819	\$1,356,219	\$1,407,224	\$1,459,844	\$1,514,077	\$1,569,934	\$1,627,414	\$1,686,518	\$1,747,247	\$1,809,602	\$1,873,694	\$1,939,524	\$2,007,102	\$2,076,428	\$2,147,514	\$2,220,361	\$2,294,979	\$2,371,369	\$2,449,532
10, 11, 12, 13, 18, 19	Phase 2 Wet Gypsum (Initial Thru Stage 4)	Lump Sum	\$9,534,869	20	\$176,733	\$208,853	\$214,809	\$220,773	\$226,744	\$232,722	\$238,707	\$244,699	\$250,697	\$256,699	\$262,707	\$268,721	\$274,741	\$280,766	\$286,796	\$292,831	\$298,871	\$304,916	\$310,966	\$317,021	\$323,081	\$329,145	\$335,214	\$341,288	\$347,367	\$353,451	\$359,539
14, 15, 16, 17, 20	Phase 3 Dry Ash (Initial Thru Stage 4)	Lump Sum	\$17,746,172	12	\$1,479,015	\$1,746,172	\$1,811,111	\$1,876,833	\$1,943,340	\$2,010,633	\$2,078,712	\$2,147,587	\$2,217,268	\$2,287,754	\$2,359,055	\$2,431,172	\$2,504,105	\$2,577,854	\$2,652,419	\$2,727,799	\$2,804,004	\$2,881,034	\$2,958,889	\$3,037,570	\$3,117,107	\$3,197,509	\$3,278,776	\$3,360,919	\$3,443,938	\$3,527,833	\$3,612,604
	Total Operating Costs		\$ 32,837,391		\$ 982,879	\$ 1,004,283	\$ 1,043,450	\$ 1,084,144	\$ 1,125,342	\$ 1,168,230	\$ 1,212,830	\$ 1,259,023	\$ 1,306,819	\$ 1,356,219	\$ 1,407,224	\$ 1,459,844	\$ 1,514,077	\$ 1,569,934	\$ 1,627,414	\$ 1,686,518	\$ 1,747,247	\$ 1,809,602	\$ 1,873,694	\$ 1,939,524	\$ 2,007,102	\$ 2,076,428	\$ 2,147,514	\$ 2,220,361	\$ 2,294,979	\$ 2,371,369	
	Total Costs		\$ 70,174,261		\$ 4,304,210	\$ 2,189,108	\$ 2,446,704	\$ 2,609,348	\$ 2,777,640	\$ 2,950,460	\$ 3,128,668	\$ 3,312,132	\$ 3,500,966	\$ 3,694,404	\$ 3,892,547	\$ 4,095,401	\$ 4,303,151	\$ 4,515,805	\$ 4,733,364	\$ 4,955,838	\$ 5,183,227	\$ 5,415,541	\$ 5,652,790	\$ 5,895,064	\$ 6,142,373	\$ 6,394,717	\$ 6,652,106	\$ 6,914,540	\$ 7,182,019	\$ 7,454,543	\$ 7,732,112
	Present Worth of this Option		\$ 29,056,829		\$ 2,824,210	\$ 1,999,908	\$ 2,248,704	\$ 2,410,162	\$ 2,584,101	\$ 2,767,524	\$ 2,960,442	\$ 3,162,856	\$ 3,374,866	\$ 3,596,472	\$ 3,827,674	\$ 4,068,472	\$ 4,318,866	\$ 4,578,856	\$ 4,848,442	\$ 5,127,624	\$ 5,416,401	\$ 5,714,774	\$ 6,022,744	\$ 6,341,312	\$ 6,670,479	\$ 7,010,245	\$ 7,360,612	\$ 7,721,579	\$ 8,093,146	\$ 8,475,314	\$ 8,868,082

**KINGSTON FOSSIL PLANT OPTION 4 - DRY ASH IN POND GYPSUM IN POND
(WITHOUT BUFFER)
PRESENT WORTH**

ITEM No.	DESCRIPTION	UNITS	Total Cost 2005 Dollars	Number of Cycles	2008 Dollars per Cycle	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Escalated Subtotal	PRESENT WORTH of Saving Capital Dollars	
	Contingency on the Pond		1.1																												
	CAPITAL COSTS																														
1	Erosion Control / Sediment Pond	Lump Sum	\$350,426	1	\$350,426																										\$350,426
2	Seed / Mutch	Lump Sum	\$71,081	1	\$71,081																										\$71,081
3	South Access Road	Lump Sum	\$54,820	1	\$54,820																										\$54,820
4	Perimeter Road	Lump Sum	\$107,228	1	\$107,228																										\$107,228
7A	Phase 2 Base Construction	Lump Sum	\$3,970,721	1	\$3,970,721			\$4,470,795																							\$4,470,795
7B	Phase 2 Base Construction	Lump Sum	\$2,103,008	1	\$2,103,008			\$39,560																							\$4,150,058
7C	CAVOC For Construction Of Disposal Facility	Lump Sum	\$621,096	24	\$24,211	\$25,682	\$37,074	\$39,983	\$41,543	\$43,103	\$44,661	\$46,221	\$47,779	\$49,338	\$50,896	\$52,455	\$54,013	\$55,572	\$57,130	\$58,688	\$60,247	\$61,805	\$63,364	\$64,922	\$66,481	\$68,039	\$69,598	\$71,156	\$72,715	\$74,273	\$839,843
8	Temporary Slope Protection	Lump Sum	\$154,224	1	\$154,224																										\$154,224
9	Riprap Stilling Basin	Lump Sum	\$79,666	1	\$79,666																										\$79,666
25	Dry Fly Ash Conversion	Lump Sum	\$28,242,500	1	\$28,242,500																										\$28,242,500
x	Construction Facility	Lump Sum	\$404,030	11	\$36,730	\$38,730	\$39,803	\$41,356	\$42,927	\$44,501	\$46,074	\$47,648	\$49,221	\$50,795	\$52,368	\$53,941	\$55,514	\$57,087	\$58,660	\$60,233	\$61,806	\$63,379	\$64,952	\$66,525	\$68,098	\$69,671	\$71,244	\$72,817	\$74,390	\$830,843	
z	Non Manual	Lump Sum	\$751,417	11	\$68,311	\$71,248	\$74,027	\$76,914	\$79,836	\$82,850	\$85,946	\$89,024	\$92,094	\$95,157	\$98,212	\$101,269	\$104,326	\$107,383	\$110,440	\$113,497	\$116,554	\$119,611	\$122,668	\$125,725	\$128,782	\$131,839	\$134,896	\$137,953	\$141,010	\$144,067	\$1,024,949
zz	Engineering	Lump Sum	\$348,700	1	\$348,700																										\$348,700
	Total Capital Costs		\$ 39,899,484		\$ 29,547,895	\$ 442,200	\$ 150,984	\$ 4,927,344	\$ 182,747	\$ 189,984	\$ 175,889	\$ 182,716	\$ 190,025	\$ 197,625	\$ 205,531	\$ 213,811	\$ 222,484	\$ 231,564	\$ 241,059	\$ 250,968	\$ 261,291	\$ 272,028	\$ 283,179	\$ 294,734	\$ 306,693	\$ 319,056	\$ 331,823	\$ 345,094	\$ 358,869	\$ 41,928,834	
	OPERATING COSTS																														
6	Diversion Cell Phase 1	Lump Sum	\$20,911,819	12	\$1,878,852	\$1,759,381	\$1,807,196	\$1,877,876	\$1,949,028	\$2,025,040	\$2,104,917	\$2,188,177	\$2,274,704	\$2,364,733	\$2,459,402	\$2,558,658	\$2,662,522	\$2,771,024	\$2,884,291	\$2,992,444	\$3,105,603	\$3,223,887	\$3,347,415	\$3,476,313	\$3,610,701	\$3,750,700	\$3,896,441	\$4,048,054	\$4,205,661	\$4,369,384	\$27,884,095
10,11,12,13,17&18	Phase 2 Wet Gypsum (Initial Thru Stage 4)	Lump Sum	\$3,334,669	20	\$176,733	\$174,909	\$222,878	\$231,897	\$241,179	\$250,850	\$260,953	\$271,527	\$282,599	\$294,178	\$306,283	\$318,943	\$332,177	\$346,006	\$359,546	\$373,807	\$388,805	\$404,558	\$421,082	\$438,395	\$456,517	\$475,466	\$495,261	\$515,911	\$537,435	\$559,853	\$6,991,245
14,15,16,18&20	Phase 3 Dry Ash (Initial Thru Stage 4)	Lump Sum	\$18,105,984	12	\$1,508,832	\$1,407,186	\$1,467,816	\$1,577,816	\$1,715,881	\$1,884,743	\$2,089,649	\$2,420,075	\$2,518,878	\$2,617,453	\$2,715,825	\$2,814,014	\$2,912,044	\$3,010,042	\$3,108,027	\$3,206,009	\$3,304,998	\$3,404,994	\$3,504,996	\$3,604,996	\$3,704,994	\$3,804,989	\$3,904,982	\$4,004,972	\$4,104,959	\$4,204,942	\$3,995,425
	Total Operating Costs		\$ 41,682,472		\$ 1,667,682	\$ 1,759,381	\$ 1,807,196	\$ 1,877,876	\$ 1,949,028	\$ 2,025,040	\$ 2,104,917	\$ 2,188,177	\$ 2,274,704	\$ 2,364,733	\$ 2,459,402	\$ 2,558,658	\$ 2,662,522	\$ 2,771,024	\$ 2,884,291	\$ 2,992,444	\$ 3,105,603	\$ 3,223,887	\$ 3,347,415	\$ 3,476,313	\$ 3,610,701	\$ 3,750,700	\$ 3,896,441	\$ 4,048,054	\$ 4,205,661	\$ 4,369,384	\$ 5,049,254
	Total Costs		\$ 81,581,956		\$ 31,215,544	\$ 4,484,600	\$ 1,995,100	\$ 6,805,240	\$ 2,318,228	\$ 2,408,743	\$ 2,290,864	\$ 2,402,791	\$ 2,708,903	\$ 2,815,179	\$ 2,927,786	\$ 3,041,179	\$ 3,155,102	\$ 3,269,577	\$ 3,384,626	\$ 3,500,259	\$ 3,616,493	\$ 3,733,346	\$ 3,850,821	\$ 3,968,936	\$ 4,087,690	\$ 4,207,193	\$ 4,327,444	\$ 4,448,353	\$ 4,569,920	\$ 51,561,654	
	Present Worth of this Option		\$ 51,561,654																												

**KINGSTON FOSSIL PLANT OPTION 5 - WET ASH IN POND GYPSUM ON PENINSULA
(WITH BUFFER)
PRESENT WORTH**

ITEM No.	DESCRIPTION	UNITS	Total Cost 2005 Dollars	Number of Cycles	2005 Dollars per Cycle	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Estimated Subtotal	PRESENT WORTH of using Capital Dollars		
	Escalation Factor Contingency on the Peninsula		1.15																															
	Contingency on the Peninsula		1.1																															
	CAPITAL COSTS																																	
1	Erosion Control / Sediment Pond	Lump Sum	\$350,426	1	\$350,426	\$350,426																											\$350,426	
2	Seed / Mulch	Lump Sum	\$71,081	1	\$71,081	\$71,081																												\$71,081
3	South Access Road	Lump Sum	\$54,820	1	\$54,820	\$54,820																												\$54,820
4	Perimeter Road	Lump Sum	\$107,226	1	\$107,226	\$107,226																												\$107,226
5	Initial Drains For Sewer Pond Road	Lump Sum	\$1,987,628	1	\$1,987,628	\$1,987,628																												\$1,987,628
7	Gypsum Stack Peninsula	Lump Sum	\$593,788	1	\$593,788	\$593,788																												\$593,788
8	Erosion Control Peninsula	Lump Sum	\$231,402	1	\$231,402	\$231,402																												\$231,402
9	Roads	Lump Sum	\$89,948	1	\$89,948	\$89,948																												\$89,948
10	Fencing	Lump Sum	\$25,345	1	\$25,345	\$25,345																												\$25,345
11	Seed / Mulch	Lump Sum	\$71,454	1	\$71,454	\$71,454																												\$71,454
12	Borrow Area Development	Lump Sum	\$89,144	1	\$89,144	\$89,144																												\$89,144
13	Gypsum Disposal Facility	Lump Sum	\$9,814,500	1	\$9,814,500	\$9,814,500																												\$9,814,500
14	Gypsum On Peninsula Disposal Cost	Lump Sum	\$708,630	1	\$708,630	\$708,630																												\$708,630
15	Construction Parking	Lump Sum	\$26,485	1	\$26,485	\$26,485																												\$26,485
17	Phase 2 Bas Construction (Base Layers) O&M For Construction Of Disposal Facility	Lump Sum	\$6,307,665	2	\$3,153,833	\$6,307,665																												\$6,307,665
18	Temporary Slope Protection	Lump Sum	\$54,480	1	\$54,480	\$54,480																												\$54,480
19	Riprap Shilling Basin	Lump Sum	\$79,866	1	\$79,866	\$79,866																												\$79,866
x	Construction Facility	Lump Sum	\$433,000	11	\$75,733	\$75,733																												\$75,733
z	Non Manual	Lump Sum	\$1,818,876	11	\$165,352	\$165,352																												\$165,352
zz	Engineering	Lump Sum	\$690,000	1	\$690,000	\$690,000																												\$690,000
	Total Capital Costs		\$ 21,364,995			\$ 21,364,995																												\$ 21,364,995
	OPERATING COSTS																																	
6	Dredge Cell Phase 1	Lump Sum	\$11,554,547	12	\$962,879	\$962,879																												\$962,879
14	Gypsum On Peninsula Disposal Cost	Lump Sum	\$3,644,075	20	\$182,204	\$182,204																												\$182,204
20,22,23,24	Phase 2 Wet Ash (Initial Thru Stage 3)	Lump Sum	\$10,463,975	12	\$871,998	\$871,998																												\$871,998
	Total Operating Costs		\$ 25,662,597			\$ 25,662,597																												\$ 25,662,597
	Total Costs		\$ 47,027,592			\$ 47,027,592																												\$ 47,027,592
	Present Worth of this Option					\$ 24,315,621																											\$ 24,315,621	

KINGSTON FOSSIL PLANT OPTION 6 - DRY ASH IN POND GYPSUM ON PENINSULA
(WITH BUFFER)
PRESENT WORTH

ITEM No.	DESCRIPTION	UNITS	Total Cost 2005 Dollars	Number of Cycles	2005 Dollars per Cycle	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Escalated Sub Total	PRESENT WORTH of using Capital Dollars			
	Contingency on the Peninsula		1.15																																
	Contingency on the Peninsula		1.1																																
	CAPITAL COSTS																																		
1	Erosion Control / Sediment Pond	Lump Sum	\$350,426	1	\$350,426	\$350,426																												\$350,426	
2	Seed / Mulch	Lump Sum	\$71,081	1	\$71,081	\$71,081																												\$71,081	
3	South Access Road	Lump Sum	\$54,820	1	\$54,820	\$54,820																												\$54,820	
4	Perimeter Road	Lump Sum	\$107,226	1	\$107,226	\$107,226																												\$107,226	
7	Gypsum Stack Peninsulas	Lump Sum	\$593,796	1	\$593,796	\$593,796																												\$593,796	
8	Erosion Controls Peninsula	Lump Sum	\$231,402	1	\$231,402	\$231,402																												\$231,402	
9	Roads	Lump Sum	\$59,848	1	\$59,848	\$59,848																												\$59,848	
10	Fencing	Lump Sum	\$25,345	1	\$25,345	\$25,345																												\$25,345	
11	Seed / Mulch	Lump Sum	\$71,454	1	\$71,454	\$71,454																												\$71,454	
12	Borrow Area Development	Lump Sum	\$58,144	1	\$58,144	\$58,144																												\$58,144	
13	Gypsum Disposal Facility	Lump Sum	\$6,814,500	1	\$6,814,500	\$6,814,500																												\$6,814,500	
14	Gypsum On Peninsula Disposal Cost	Lump Sum	\$708,630	1	\$708,630	\$708,630																												\$708,630	
15	Construction Parking	Lump Sum	\$28,465	1	\$28,465	\$28,465																												\$28,465	
17	Phase 2 Base Construction (Base Layers)	Lump Sum	\$4,847,510	2	\$2,423,755	\$2,423,755																												\$4,847,510	
18	Temporary Slope Protection	Lump Sum	\$540,784	24	\$22,533	\$22,533																												\$540,784	
18	Temporary Slope Protection	Lump Sum	\$181,235	1	\$181,235	\$181,235																												\$181,235	
19	Riprap Stilling Basin	Lump Sum	\$79,666	1	\$79,666	\$79,666																												\$79,666	
25	Dry Fly Ash Conversion	Lump Sum	\$28,242,500	1	\$28,242,500	\$28,242,500																												\$28,242,500	
X	Construction Facility	Lump Sum	\$811,895	11	\$73,808	\$73,808																												\$811,895	
Z	Non Manual	Lump Sum	\$1,348,474	11	\$122,589	\$122,589																												\$1,348,474	
ZZ	Engineering	Lump Sum	\$890,000	1	\$890,000	\$890,000																												\$890,000	
Total Capital Costs			\$ 45,494,887			\$29,939,800	\$ 180,397	\$ 197,822	\$ 9,876,886	\$ 213,348	\$ 221,668	\$ 230,313	\$ 239,528	\$ 248,107	\$ 259,071	\$ 3,848,826	\$ 4,000,689	\$ 35,971	\$ 37,410	\$ 38,907	\$ 40,483	\$ 42,081	\$ 43,765	\$ 45,515	\$ 47,338	\$ 49,229	\$ 51,198	\$ 53,246	\$ 55,378	\$ 57,591	\$ 60,083,261	\$ 39,187,810			
OPERATING COSTS																																			
6	Dredge Cell Phase 1	Lump Sum	\$20,011,819	12	\$1,667,652	\$1,667,652	\$1,739,361	\$1,807,196	\$1,877,676	\$1,949,028	\$2,025,040	\$2,104,017	\$2,186,171	\$2,275,704	\$2,368,733	\$2,465,402	\$2,566,858	\$2,672,252	\$2,781,634	\$2,894,055	\$3,009,672	\$3,128,541	\$3,250,719	\$3,376,256	\$3,505,206	\$3,637,631	\$3,773,593	\$3,913,155	\$4,056,380	\$4,203,327	\$4,354,066	\$4,508,560	\$7,684,095	\$12,707,592	
14	Gypsum On Peninsula Disposal Cost	Lump Sum	\$3,644,075	20	\$182,204	\$182,204	\$187,421	\$192,840	\$198,464	\$204,296	\$210,339	\$216,495	\$222,766	\$229,155	\$235,666	\$242,311	\$249,104	\$256,054	\$263,174	\$270,468	\$277,941	\$285,598	\$293,444	\$301,484	\$309,722	\$318,164	\$326,814	\$335,681	\$344,770	\$354,086	\$363,634	\$373,419	\$383,438	\$6,765,269	\$1,181,949
20,22,23&24	Phase 2 Dry Ash (Initial Thru Stage 3)	Lump Sum	\$16,460,149	12	\$1,371,679	\$1,371,679	\$1,427,212	\$1,485,064	\$1,545,284	\$1,607,912	\$1,672,990	\$1,740,570	\$1,810,704	\$1,883,446	\$1,958,848	\$2,036,962	\$2,117,841	\$2,201,539	\$2,288,118	\$2,377,641	\$2,469,171	\$2,562,771	\$2,658,505	\$2,756,439	\$2,856,629	\$2,959,131	\$3,063,911	\$3,170,936	\$3,280,271	\$3,391,981	\$3,506,031	\$3,622,496	\$3,741,341	\$4,037,644	\$3,500,114
Total Operating Costs			\$ 42,116,043			\$1,807,852	\$1,729,381	\$1,807,196	\$1,877,676	\$2,161,974	\$2,246,291	\$2,333,897	\$2,427,253	\$2,524,343	\$2,625,316	\$2,730,329	\$2,839,542	\$2,952,951	\$3,070,830	\$3,193,238	\$3,320,238	\$3,451,883	\$3,588,223	\$3,729,405	\$3,874,488	\$4,023,527	\$4,176,586	\$4,333,725	\$4,494,999	\$4,661,465	\$4,833,180	\$5,010,199	\$17,524,656		
Total Costs			\$ 87,610,930			\$31,607,152	\$1,928,737	\$2,005,018	\$11,754,562	\$2,375,322	\$2,467,959	\$2,594,210	\$2,666,778	\$2,773,449	\$2,884,387	\$2,999,645	\$3,119,371	\$3,243,623	\$3,372,882	\$3,507,071	\$3,646,276	\$3,790,521	\$3,939,866	\$4,094,366	\$4,254,166	\$4,418,427	\$4,587,216	\$4,760,601	\$4,938,656	\$5,121,445	\$5,309,534	\$5,501,821	\$6,124,666		
Present Worth of this Option			\$ 56,512,465																																

KINGSTON FOSSIL PLANT OPTION 7 - WET ASH IN POND GYPSUM IN POND

(WITH BUFFER)

PRESENT WORTH

ITEM No.	DESCRIPTION	UNITS	Total Cost 2005 Dollars	Number of Cycles	2005 Dollars per Cycle	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Estimated Subtotal	PRESENT WORTH of using Capital Dollars						
CAPITAL COSTS																																						
1	Excavation Factor Contingency on the Pond					1.00	1.04	1.08	1.13	1.17	1.21	1.26	1.31	1.36	1.42	1.48	1.54	1.60	1.68	1.75	1.80	1.87	1.94	2.02	2.10	2.18	2.27	2.36	2.46	2.56								
2	Erosion Control / Sediment Pond	Lump Sum	\$350,426	1	\$350,426																														\$350,426	\$50,426		
3	Seed / Mulch	Lump Sum	\$71,081	1	\$71,081																															\$71,081	\$71,081	
4	South Access Road	Lump Sum	\$54,820	1	\$54,820																															\$54,820	\$54,820	
5	Perimeter Road	Lump Sum	\$107,228	1	\$107,228																															\$107,228	\$107,228	
6	Install Drains For Sheep Pond Road	Lump Sum	\$1,967,828	1	\$1,967,828																															\$1,967,828	\$1,967,828	
7A	Phase 2 Base Construction	Lump Sum	\$6,307,665	1	\$6,307,665																															\$6,307,665	\$6,307,665	
7B	Phase 3 Base Construction	Lump Sum	\$2,053,687	1	\$2,053,687																															\$2,053,687	\$2,053,687	
8	CHOC For Construction Of Disposal Facility	Lump Sum	\$24,166	24	\$582,192																															\$582,192	\$582,192	
9	Temporary Slope Protection	Lump Sum	\$154,224	1	\$154,224																															\$154,224	\$154,224	
10	Riprap Sillling Basin	Lump Sum	\$79,866	1	\$79,866																															\$79,866	\$79,866	
11	Dry Fly Ash Conversion	Lump Sum	\$24,175,580	1	\$24,175,580																															\$24,175,580	\$24,175,580	
12	Construction Facility	Lump Sum	\$67,000	11	\$737,000																															\$737,000	\$737,000	
13	Non Manual	Lump Sum	\$1,203,023	11	\$13,233,253																															\$13,233,253	\$13,233,253	
14	Engineering	Lump Sum	\$348,700	1	\$348,700																															\$348,700	\$348,700	
Total Capital Costs																																						
\$ 38,872,472																																						
OPERATING COSTS																																						
15	Ordering Cell Phase 1	Lump Sum	\$11,554,547	12	\$138,654,564																																\$138,654,564	\$138,654,564
16	Phase 2 Wet Gypsum (Initial Thru Stage 4)	Lump Sum	\$3,534,669	20	\$70,693,380																																\$70,693,380	\$70,693,380
17	Phase 3 Dry Ash (Initial Thru Stage 4)	Lump Sum	\$17,748,173	12	\$212,978,076																																\$212,978,076	\$212,978,076
Total Operating Costs																																						
\$ 29,971,598																																						
Total Costs																																						
\$ 68,844,070																																						

Present Worth of this Option

\$ 29,971,598

