

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	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 Subtotal	PRESENT WORTH of using Capital Dollars				
CAPITAL COSTS																																				
1	Install Drains For Swan Pond Road	Lump Sum	\$1,987,628	1	\$1,987,628																												\$1,987,628	\$1,987,628		
4	ASH AND GYPSUM IN POND	Lump Sum	\$582,456	1	\$582,456																													\$582,456	\$582,456	
4A	Phase 2 Basin Construction	Lump Sum	\$5,898,822	1	\$5,898,822																													\$5,898,822	\$5,898,822	
4B	Phase 3 Basin Construction	Lump Sum	\$2,155,778	1	\$2,155,778																													\$2,155,778	\$2,155,778	
5	Miscellaneous	Lump Sum	\$1,695,856	3	\$565,285																													\$1,695,856	\$1,695,856	
5A	Dry Fly Ash Conversion	Lump Sum	\$6,175,580	1	\$6,175,580																													\$6,175,580	\$6,175,580	
zz	Engineering	Lump Sum	\$349,210	1	\$349,210																													\$349,210	\$349,210	
	Total Capital Costs		\$8,418,313		\$8,418,313																													\$8,418,313	\$8,418,313	
OPERATING COSTS																																				
6	Dredge Cell Phase 1	Lump Sum	\$12,624,840	12	\$1,052,070																														\$12,624,840	\$12,624,840
10,11,12,13,14,15,16,17,18,19	Phase 2 Wet Gypsum (Initial Thru Stage 4)	Lump Sum	\$5,185,249	20	\$259,262																														\$5,185,249	\$5,185,249
14,15,16,17,18,20	Phase 3 Dry Ash (Initial Thru Stage 4)	Lump Sum	\$17,745,174	12	\$1,478,761																													\$17,745,174	\$17,745,174	
	QA/QC For Construction Of Disposal Facility	Lump Sum	\$788,726	28	\$28,169																														\$788,726	\$788,726
	Total Operating Costs		\$36,307,687		\$36,307,687																													\$36,307,687	\$36,307,687	
	Total Costs		\$14,835,926		\$14,835,926																													\$14,835,926	\$14,835,926	
	Present Worth of this Option																																	\$30,166,737	\$30,166,737	

KINGSTON FOSSIL PLANT OPTION 1 - WET ASH IN POND GYPSUM ON PENINSULA

(WITHOUT POND 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 SubTotal	PRESENT WORTH of using Capital Dollars					
CAPITAL COSTS																																					
1	Install Drains For Swan Pond Road	Lump Sum	\$1,067,628	1	\$1,067,628																													\$1,067,628	\$1,087,828		
2	Ash In Pond	Lump Sum	\$582,466	1	\$582,466																														\$582,466	\$582,466	
2A	Phase 2 Base Construction (Base Layers)	Lump Sum	\$5,431,987	2	\$2,715,994																														\$5,431,987	\$5,674,221	
3	Gypsum On Peninsula	Lump Sum	\$8,015,269	1	\$8,015,269																														\$8,015,269	\$8,261,728	
5	Miscellaneous	Lump Sum	\$1,874,007	4	\$468,502																														\$1,874,007	\$1,921,728	
6	Engineering / Geotech	Lump Sum	\$908,829	1	\$908,829																														\$908,829	\$908,829	
	Total Capital Costs		\$18,788,156			\$ 3,852,415										\$ 4,737,000	\$ 4,926,384																	\$ 24,222,408	\$ 24,121,862		
OPERATING COSTS																																					
6	Dredge Cell Phase 1	Lump Sum	\$11,554,547	12	\$962,879																															\$11,554,547	\$7,337,138
14	Gypsum On Peninsula Disposal Cost	Lump Sum	\$3,844,075	20	\$192,204																															\$3,844,075	\$1,116,949
20.22.23&24	Phase 2 Wet Ash (Initial Thru Stage 3)	Lump Sum	\$10,463,975	12	\$873,665																															\$10,463,975	\$1,987,801
	O&MGC For Construction Of Disposal	Lump Sum	\$470,247	24	\$19,594																															\$470,247	\$183,038
	Total Operating Costs		\$26,328,844			\$ 882,473	\$ 1,024,719	\$ 1,064,883	\$ 1,082,208	\$ 1,381,188	\$ 1,414,274	\$ 1,469,431	\$ 1,528,208	\$ 1,589,538	\$ 1,652,310	\$ 1,719,026	\$ 1,787,787	\$ 3,254,024	\$ 1,785,591	\$ 1,856,973	\$ 1,931,252	\$ 2,004,502	\$ 2,088,842	\$ 2,172,386	\$ 2,259,282	\$ 2,349,663	\$ 2,443,650	\$ 2,541,386	\$ 2,643,092	\$ 2,748,774	\$ 46,783,806	\$ 46,783,806	\$ 46,783,806	\$ 46,783,806	\$ 46,783,806		
	Total Costs		\$45,117,000			\$ 4,734,888	\$ 1,024,719	\$ 1,064,883	\$ 1,112,516	\$ 1,381,188	\$ 1,414,274	\$ 1,469,431	\$ 1,528,208	\$ 1,589,538	\$ 1,652,310	\$ 1,719,026	\$ 1,787,787	\$ 3,254,024	\$ 1,785,591	\$ 1,856,973	\$ 1,931,252	\$ 2,004,502	\$ 2,088,842	\$ 2,172,386	\$ 2,259,282	\$ 2,349,663	\$ 2,443,650	\$ 2,541,386	\$ 2,643,092	\$ 2,748,774	\$ 71,006,014	\$ 71,006,014	\$ 71,006,014	\$ 71,006,014	\$ 71,006,014		
Present Worth of this Option																																			\$ 23,751,838	\$ 23,751,838	

KINGSTON FOSSIL PLANT OPTION 3 - WET ASH IN POND GYPSUM IN POND

(WITHOUT BUFFER)

PRESENT WORTH

ITEM No.	DESCRIPTION	UNITS	2005	2006	2007	2008	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Escalated Subtotal	PRESENT WORTH of using Capital Dollars		
	Escalation Factor		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	1.66	1.73	1.80	1.87	1.94	2.02	2.10	2.18	2.27	2.36	2.46	2.56					
	CAPITAL COSTS																															
1	Install Drains For Swan Pond Road	Lump Sum	\$1,987,628																											\$1,987,628	\$1,987,628	
4	Ash And Gypsum In Pond	Lump Sum	\$582,456																											\$582,456	\$582,456	
4A	Phase 2 Base Construction	Lump Sum	\$6,303,940																											\$6,303,940	\$4,144,943	
4B	Phase 3 Base Construction	Lump Sum																												\$3,309,137	\$711,277	
5	Miscellaneous	Lump Sum	\$562,279																											\$562,279	\$1,164,069	
5A	Dry Fly Ash Conversion	Lump Sum				\$533,093																								\$533,093	\$7,976,479	
ZZ	Engineering	Lump Sum	\$349,210																											\$349,210	\$349,210	
	Total Capital Costs		\$3,461,573			\$6,837,033									\$41,281,941														\$51,680,547	\$16,896,059		
	OPERATING COSTS																															
6	Dredge Cell Phase 1	Lump Sum	\$1,052,070	\$1,097,309	\$1,140,104	\$1,184,568	\$1,229,582	\$1,277,525	\$1,327,859	\$1,380,454	\$1,435,672	\$1,493,099	\$1,552,823	\$1,614,936	\$1,679,533																\$17,465,043	\$8,016,829
10,11,12,13,18&19	Phase 2 Wet Gypsum Initial Thru Stage 4)	Lump Sum					\$303,182	\$315,006	\$327,891	\$340,983	\$355,986	\$381,155	\$398,155	\$414,128	\$429,921	\$447,921	\$465,839	\$484,471	\$503,650	\$524,004	\$544,964	\$566,769	\$589,433	\$613,011	\$637,831	\$663,032	\$688,745	\$715,026		\$17,465,043	\$8,016,829	
14,15,16,17&20	Phase 3 Dry Ash (Initial Thru Stage 4)	Lump Sum																													\$3,860,597	\$3,860,597
	QA/QC For Construction Of Disposal Facility	Lump Sum	\$31,101	\$32,439	\$33,703	\$35,018	\$36,349	\$37,766	\$39,239	\$40,809	\$42,441	\$44,139	\$45,904	\$47,740	\$49,650	\$51,636	\$53,701	\$55,849	\$58,083	\$60,407	\$62,823	\$65,336	\$67,949	\$70,667	\$73,494	\$76,434	\$79,491		\$1,292,167	\$239,474		
	Total Operating Costs		\$1,083,171	\$1,129,747	\$1,173,807	\$1,219,586	\$1,269,112	\$1,320,308	\$1,373,807	\$1,430,308	\$1,492,111	\$1,560,396	\$1,635,396	\$1,717,815	\$1,804,421	\$1,895,821	\$1,992,884	\$2,096,399	\$2,206,220	\$2,322,558	\$2,445,777	\$2,576,555	\$2,715,777	\$2,864,471	\$3,022,960	\$3,191,949	\$3,372,021	\$3,563,026	\$3,765,745	\$3,980,926	\$4,209,745	
	Total Costs		\$4,544,744	\$4,544,744	\$4,544,744	\$4,544,744	\$4,544,744	\$4,544,744	\$4,544,744	\$4,544,744	\$4,544,744	\$4,544,744	\$4,544,744	\$4,544,744	\$4,544,744	\$4,544,744	\$4,544,744	\$4,544,744	\$4,544,744	\$4,544,744	\$4,544,744	\$4,544,744	\$4,544,744	\$4,544,744	\$4,544,744	\$4,544,744	\$4,544,744	\$4,544,744	\$4,544,744	\$4,544,744	\$4,544,744	
	Present Worth of this Option																															

KINGSTON FOSSIL PLANT OPTION 1 - WET ASH IN POND GYPSUM ON PENINSULA

(WITHOUT POND BUFFER)

PRESENT WORTH

ITEM No.	DESCRIPTION	UNITS	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 Subtotal	PRESENT WORTH of using Capital Dollars	
CAPITAL COSTS																														
1	Install Drains For Swan Pond Road	Lump Sum	\$1,987,628																											\$1,987,628
2	Ash In Pond	Lump Sum	\$582,456																											\$582,456
2A	Phase 2 Base Construction (Base Layers)	Lump Sum												\$4,169,055																\$4,169,055
3	Gypsum On Peninsula	Lump Sum				\$10,150,656																								\$10,150,656
5	Miscellaneous	Lump Sum	\$493,502			\$555,654							\$728,383	\$757,529																\$2,535,078
6	Engineering / Geotech	Lump Sum	\$908,829																											\$908,829
	Total Capital Costs		\$ 3,852,415	\$ -	\$ -	\$ 10,706,309	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,737,100	\$ 4,926,584	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 24,222,408	\$ 13,121,882	
OPERATING COSTS																														
6	Dredge Cell Phase 1	Lump Sum	\$962,879			\$1,043,450								\$1,478,027	\$1,537,148															\$1,984,413
14	Gypsum On Peninsula Disposal Cost	Lump Sum				\$212,946							\$268,927	\$279,684	\$280,872	\$302,506	\$314,607	\$327,191	\$340,279	\$353,890	\$368,045	\$382,767	\$398,078	\$414,001	\$430,561	\$447,763	\$465,695	\$484,359	\$502,763	\$7,337,188
20,22,23&24	Phase 2 Wet Ash (Initial Thru Stage 3)	Lump Sum													\$1,394,725	\$1,450,514	\$1,508,536	\$1,568,876	\$1,631,631	\$1,696,899	\$1,764,772	\$1,835,363	\$1,908,778	\$1,985,129	\$2,064,534	\$2,147,115	\$2,233,000	\$23,189,868	\$1,116,949	
	QA/QC For Construction Of Disposal	Lump Sum	\$19,594	\$20,436	\$21,233	\$22,081	\$22,900	\$23,793	\$24,721	\$25,709	\$26,738	\$27,807	\$28,920	\$30,078	\$31,279	\$32,521	\$33,802	\$35,125	\$36,492	\$37,907	\$39,369	\$40,878	\$42,436	\$44,045	\$45,707	\$47,424	\$49,198	\$51,031	\$1,967,801	
	Total Operating Costs		\$ 992,473	\$ 1,024,719	\$ 1,064,683	\$ 1,106,206	\$ 1,361,888	\$ 1,414,274	\$ 1,469,431	\$ 1,526,208	\$ 1,589,338	\$ 1,652,910	\$ 1,719,026	\$ 1,787,887	\$ 1,856,551	\$ 1,926,024	\$ 1,996,373	\$ 2,067,652	\$ 2,139,931	\$ 2,213,292	\$ 2,287,842	\$ 2,363,596	\$ 2,440,663	\$ 2,519,155	\$ 2,600,108	\$ 2,682,674	\$ 2,766,915	\$ 2,852,912	\$ 29,183,806	\$ 10,629,977
Total Costs			\$ 4,844,887	\$ 1,024,719	\$ 1,064,683	\$ 11,812,515	\$ 1,361,888	\$ 1,414,274	\$ 1,469,431	\$ 1,526,208	\$ 1,589,338	\$ 1,652,910	\$ 1,719,026	\$ 1,787,887	\$ 1,856,551	\$ 1,926,024	\$ 1,996,373	\$ 2,067,652	\$ 2,139,931	\$ 2,213,292	\$ 2,287,842	\$ 2,363,596	\$ 2,440,663	\$ 2,519,155	\$ 2,600,108	\$ 2,682,674	\$ 2,766,915	\$ 2,852,912	\$ 71,006,014	\$ 23,751,838

Present Worth of this Option