

OPTION 1-3

Case:	Sensitivity	
Location:	Peninsula	
Governing Assumptions:		
Coal Supply	5 #	
Gypsum Marketing	No marketing	
Annual Gypsum Production		583,929
Net Gypsum to Peninsula		583,929
Annual Ash production		475,600
Capacity of peninsula		9,300,000
Years of peninsula capacity	16	
Year peninsula capacity expires	2025	-
Assume construct a new 40 acre area \$ on the peninsula (\$100,000 acre in 2005 \$) in 2024		4,000,000

5# COAL WILL GENERATE
581,250 CY OF GYPSUM/YR.
178% INCREASE

327000 x 5
2.8

583928.5714

1176610
2101090

0.55999981

583928.8

	Cash Flows	NPV
2005	4,834,887	
2006	1,024,719	
2007	1,064,683	
2008	11,812,515	
2009	1,361,188	
2010	1,414,274	\$ 15,779,328
2011	1,469,431	
2012	1,528,208	
2013	1,589,336	
2014	1,652,910	
2015	6,456,126	\$ 19,574,386
2016	6,714,371	
2017	3,254,024	
2018	1,785,551	
2019	1,856,973	
2020	1,931,252	
2021	2,008,502	
2022	2,088,842	
2023	2,172,396	
2024	10,662,348	
2025	2,349,663	
2026	2,443,650	
2027	2,541,396	
2028	2,643,052	
2029	2,748,774	\$ 24,342,282

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 Sub Total	PRESENT WORTH of Using Capital Dollars									
CAPITAL COSTS																																									
1	Install Drains For Swamp Pond Road	Lump Sum	\$1,987,828	1	\$1,987,828																																				
2	Ash in Pond	Lump Sum	\$582,458	1	\$582,458																																				
2A	Phase 2 Base Construction (Base Layers)	Lump Sum	\$5,431,897	2	\$2,715,948																																				
3	Gypsum On Peninsula	Lump Sum	\$9,015,289	1	\$9,015,289																																				
5	Miscellaneous	Lump Sum	\$1,974,007	4	\$493,502																																				
6	Engineering / Geotech	Lump Sum	\$908,823	1	\$908,823																																				
Total Capital Costs			\$ 19,786,188		\$ 3,852,415												\$ 4,797,100	\$ 4,928,384																							
OPERATING COSTS																																									
6	Dredge Cell Phase 1	Lump Sum	\$11,554,847	12	\$962,879																																				
14	Gypsum On Peninsula Disposal Cost	Lump Sum	\$3,844,075	20	\$192,204																																				
20,22,23&24	Phase 2 Wet Ash (Initial Thru Stage 3)	Lump Sum	\$10,483,975	12	\$873,665																																				
	O&M For Construction Of Disposal	Lump Sum	\$470,247	24	\$19,594																																				
Total Operating Costs			\$ 26,152,844		\$ 882,473																																				
Total Costs			\$ 45,939,032		\$ 4,734,887																																				
Present Worth of this Option			\$ 24,342,282																																						

02/08/2005