

Escalated Costs, By Category, By Year								Present Worth Discount	Total Present Value
Specify annual escalation rates used for each cost category below.									
		2.1%	3.5%	9.0%	2.5%				
YEAR	Capital Cost	Replacement Cost	Electricity Cost	Natural Gas & Fuel Oil Cost	O&M Cost	Cost of Carbon	TOTAL ESCALATED COST		
0	\$ 89,488,200	\$ -	\$ -	\$ -	\$ -		\$ 89,488,200	1.000	\$ 89,488,000
2024		\$ -	\$ 376,290	\$ 354,992	\$ 451,043		\$ 1,182,326	0.952	\$ 1,126,000
2025		\$ -	\$ 389,460	\$ 386,942	\$ 462,319		\$ 1,238,721	0.907	\$ 1,124,000
2026		\$ -	\$ 403,091	\$ 421,766	\$ 473,877		\$ 1,298,735	0.864	\$ 1,122,000
2027		\$ -	\$ 417,200	\$ 459,725	\$ 485,724		\$ 1,362,649	0.823	\$ 1,121,000
2028		\$ -	\$ 431,801	\$ 501,101	\$ 497,867		\$ 1,430,770	0.784	\$ 1,121,000
2029		\$ -	\$ 446,915	\$ 546,200	\$ 510,314		\$ 1,503,428	0.746	\$ 1,122,000
2030		\$ -	\$ 462,557	\$ 595,358	\$ 523,072	\$ 840,827	\$ 2,421,813	0.711	\$ 1,721,000
		\$ -	\$ 478,746	\$ 648,940	\$ 536,149	\$ 840,827	\$ 2,504,662	0.677	\$ 1,695,000
		\$ -	\$ 495,502	\$ 707,345	\$ 549,553	\$ 840,827	\$ 2,593,226	0.645	\$ 1,672,000
		\$ -	\$ 512,845	\$ 771,006	\$ 563,291	\$ 840,827	\$ 2,687,969	0.614	\$ 1,650,000
		\$ -	\$ 530,794	\$ 840,396	\$ 577,374	\$ 840,827	\$ 2,789,391	0.585	\$ 1,631,000
		\$ -	\$ 549,372	\$ 916,032	\$ 591,808	\$ 840,827	\$ 2,898,039	0.557	\$ 1,614,000
		\$ -	\$ 568,600	\$ 998,475	\$ 606,603	\$ 840,827	\$ 3,014,505	0.530	\$ 1,599,000
		\$ -	\$ 588,501	\$ 1,088,337	\$ 621,768	\$ 840,827	\$ 3,139,434	0.505	\$ 1,586,000
		\$ -	\$ 609,099	\$ 1,186,288	\$ 637,312	\$ 840,827	\$ 3,273,526	0.481	\$ 1,575,000
		\$ -	\$ 630,417	\$ 1,293,054	\$ 653,245	\$ 840,827	\$ 3,417,543	0.458	\$ 1,566,000
		\$ -	\$ 652,482	\$ 1,409,428	\$ 669,576	\$ 840,827	\$ 3,572,314	0.436	\$ 1,559,000
		\$ -	\$ 675,319	\$ 1,536,277	\$ 686,316	\$ 840,827	\$ 3,738,738	0.416	\$ 1,554,000
		\$ -	\$ 698,955	\$ 1,674,542	\$ 703,474	\$ 840,827	\$ 3,917,797	0.396	\$ 1,550,000
		\$ -	\$ 723,418	\$ 1,825,251	\$ 721,061	\$ 840,827	\$ 4,110,556	0.377	\$ 1,549,000
		\$ -	\$ 748,738	\$ 1,989,523	\$ 739,087	\$ 840,827	\$ 4,318,175	0.359	\$ 1,550,000
		\$ -	\$ 774,944	\$ 2,168,580	\$ 757,564	\$ 840,827	\$ 4,541,915	0.342	\$ 1,553,000
		\$ -	\$ 802,067	\$ 2,363,753	\$ 776,503	\$ 840,827	\$ 4,783,150	0.326	\$ 1,557,000
		\$ -	\$ 830,139	\$ 2,576,490	\$ 795,916	\$ 840,827	\$ 5,043,372	0.310	\$ 1,564,000
		\$ -	\$ 859,194	\$ 2,808,374	\$ 815,814	\$ 840,827	\$ 5,324,209	0.295	\$ 1,572,000
Total Present Value Life Cycle Cost (sum of column "i")									\$ 126,541,000

Option 2 LCCA

Yellow cells have links to Input Summary sheet or Energy Data Sheet

Escalated Costs, By Category, By Year								Present Worth Discount	Total Present Value
Specify annual escalation rates used for each cost category below.									
		2.1%	3.5%	9.0%	2.5%				
YEAR	Capital Cost	Replacement Cost	Electricity Cost	Natural Gas & Fuel Oil Cost	O&M Cost	Cost of Carbon	TOTAL ESCALATED COST		
0	\$ 114,340,000	\$ -	\$ -	\$ -	\$ -		\$ 114,340,000	1.000	\$ 114,340,000
1		\$ -	\$ 557,746	\$ -	\$ 162,667		\$ 720,412	0.952	\$ 686,000
2		\$ -	\$ 577,267	\$ -	\$ 166,733		\$ 744,000	0.907	\$ 675,000
3		\$ -	\$ 597,471	\$ -	\$ 170,902		\$ 768,373	0.864	\$ 664,000
4		\$ -	\$ 618,382	\$ -	\$ 175,174		\$ 793,557	0.823	\$ 653,000
5		\$ -	\$ 640,026	\$ -	\$ 179,554		\$ 819,579	0.784	\$ 642,000
6		\$ -	\$ 662,427	\$ -	\$ 184,042		\$ 846,469	0.746	\$ 632,000
7		\$ -	\$ 685,612	\$ -	\$ 188,643	\$ 227,331	\$ 874,255	0.711	\$ 621,000
8		\$ -	\$ 709,608	\$ -	\$ 193,360	\$ 227,331	\$ 902,968	0.677	\$ 611,000
9		\$ -	\$ 734,444	\$ -	\$ 198,194	\$ 227,331	\$ 932,638	0.645	\$ 601,000
10		\$ -	\$ 760,150	\$ -	\$ 203,148	\$ 227,331	\$ 963,298	0.614	\$ 591,000
11		\$ -	\$ 786,755	\$ -	\$ 208,227	\$ 227,331	\$ 994,982	0.585	\$ 582,000
12		\$ -	\$ 814,292	\$ -	\$ 213,433	\$ 227,331	\$ 1,027,724	0.557	\$ 572,000
13		\$ -	\$ 842,792	\$ -	\$ 218,769	\$ 227,331	\$ 1,061,560	0.530	\$ 563,000
14		\$ -	\$ 872,290	\$ -	\$ 224,238	\$ 227,331	\$ 1,096,527	0.505	\$ 554,000
15		\$ -	\$ 902,820	\$ -	\$ 229,844	\$ 227,331	\$ 1,132,663	0.481	\$ 545,000
16		\$ -	\$ 934,418	\$ -	\$ 235,590	\$ 227,331	\$ 1,170,008	0.458	\$ 536,000
17		\$ -	\$ 967,123	\$ -	\$ 241,480	\$ 227,331	\$ 1,208,603	0.436	\$ 527,000
18		\$ -	\$ 1,000,972	\$ -	\$ 247,517	\$ 227,331	\$ 1,248,489	0.416	\$ 519,000
19		\$ -	\$ 1,036,006	\$ -	\$ 253,704	\$ 227,331	\$ 1,289,711	0.396	\$ 510,000
20		\$ -	\$ 1,072,267	\$ -	\$ 260,047	\$ 227,331	\$ 1,332,314	0.377	\$ 502,000
21		\$ -	\$ 1,109,796	\$ -	\$ 266,548	\$ 227,331	\$ 1,376,344	0.359	\$ 494,000
22		\$ -	\$ 1,148,639	\$ -	\$ 273,212	\$ 227,331	\$ 1,421,851	0.342	\$ 486,000
23		\$ -	\$ 1,188,841	\$ -	\$ 280,042	\$ 227,331	\$ 1,468,883	0.326	\$ 478,000
24		\$ -	\$ 1,230,451	\$ -	\$ 287,043	\$ 227,331	\$ 1,517,494	0.310	\$ 471,000
25		\$ -	\$ 1,273,516	\$ -	\$ 294,219	\$ 227,331	\$ 1,567,736	0.295	\$ 463,000
Total Present Value Life Cycle Cost (sum of column "i")									\$ 128,518,000

Option 3 LCCA		Yellow cells have links to Input Summary sheet or Energy Data Sheet									
Escalated Costs, By Category, By Year											
Specify annual escalation rates used for each cost category below.											
		2.1%	3.5%	9.0%	2.5%						
YEAR	Capital Cost	Replacement Cost	Electricity Cost	Natural Gas & Fuel Oil Cost	O&M Cost	Cost of Carbon	TOTAL ESCALATED COST	Present Worth Discount	Total Present Value		
0	\$ 95,263,600	\$ -	\$ -	\$ -	\$ -		\$ 95,263,600	1.000	\$ 95,264,000		
1		\$ -	\$ 418,454	\$ 289,682	\$ 444,237		\$ 1,152,373	0.952	\$ 1,097,000		
2		\$ -	\$ 433,099	\$ 315,754	\$ 455,343		\$ 1,204,196	0.907	\$ 1,092,000		
3		\$ -	\$ 448,258	\$ 344,172	\$ 466,726		\$ 1,259,156	0.864	\$ 1,088,000		
4		\$ -	\$ 463,947	\$ 375,147	\$ 478,394		\$ 1,317,488	0.823	\$ 1,084,000		
5		\$ -	\$ 480,185	\$ 408,910	\$ 490,354		\$ 1,379,450	0.784	\$ 1,081,000		
6		\$ -	\$ 496,992	\$ 445,712	\$ 502,613		\$ 1,445,317	0.746	\$ 1,079,000		
7		\$ -	\$ 514,386	\$ 485,826	\$ 515,178	\$ 661,408	\$ 1,515,391	0.711	\$ 1,077,000		
8		\$ -	\$ 532,390	\$ 529,551	\$ 528,058	\$ 661,408	\$ 1,589,998	0.677	\$ 1,076,000		
9		\$ -	\$ 551,023	\$ 577,210	\$ 541,259	\$ 661,408	\$ 1,669,493	0.645	\$ 1,076,000		
10		\$ -	\$ 570,309	\$ 629,159	\$ 554,791	\$ 661,408	\$ 1,754,259	0.614	\$ 1,077,000		
11		\$ -	\$ 590,270	\$ 685,784	\$ 568,660	\$ 661,408	\$ 1,844,714	0.585	\$ 1,079,000		
12		\$ -	\$ 610,929	\$ 747,504	\$ 582,877	\$ 661,408	\$ 1,941,311	0.557	\$ 1,081,000		
13		\$ -	\$ 632,312	\$ 814,779	\$ 597,449	\$ 661,408	\$ 2,044,540	0.530	\$ 1,084,000		
14		\$ -	\$ 654,443	\$ 888,110	\$ 612,385	\$ 661,408	\$ 2,154,938	0.505	\$ 1,088,000		
15		\$ -	\$ 677,348	\$ 968,040	\$ 627,695	\$ 661,408	\$ 2,273,083	0.481	\$ 1,093,000		
16		\$ -	\$ 701,056	\$ 1,055,163	\$ 643,387	\$ 661,408	\$ 2,399,606	0.458	\$ 1,099,000		
17		\$ -	\$ 725,593	\$ 1,150,128	\$ 659,472	\$ 661,408	\$ 2,535,192	0.436	\$ 1,106,000		
18		\$ -	\$ 750,988	\$ 1,253,639	\$ 675,959	\$ 661,408	\$ 2,680,586	0.416	\$ 1,114,000		
19		\$ -	\$ 777,273	\$ 1,366,467	\$ 692,858	\$ 661,408	\$ 2,836,597	0.396	\$ 1,123,000		
20		\$ -	\$ 804,477	\$ 1,489,449	\$ 710,179	\$ 661,408	\$ 3,004,105	0.377	\$ 1,132,000		
21		\$ -	\$ 832,634	\$ 1,623,499	\$ 727,934	\$ 661,408	\$ 3,184,067	0.359	\$ 1,143,000		
22		\$ -	\$ 861,776	\$ 1,769,614	\$ 746,132	\$ 661,408	\$ 3,377,522	0.342	\$ 1,155,000		
23		\$ -	\$ 891,939	\$ 1,928,879	\$ 764,785	\$ 661,408	\$ 3,585,603	0.326	\$ 1,167,000		
24		\$ -	\$ 923,156	\$ 2,102,478	\$ 783,905	\$ 661,408	\$ 3,809,540	0.310	\$ 1,181,000		
25		\$ -	\$ 955,467	\$ 2,291,702	\$ 803,502	\$ 661,408	\$ 4,050,671	0.295	\$ 1,196,000		
Total Present Value Life Cycle Cost (sum of column "i")										\$ 122,932,000	

Option 4 LCCA		Yellow cells have links to Input Summary sheet or Energy Data Sheet									
Escalated Costs, By Category, By Year											
Specify annual escalation rates used for each cost category below.											
		2.1%	3.5%	9.0%	2.5%						
YEAR	Capital Cost	Replacement Cost	Electricity Cost	Natural Gas & Fuel Oil Cost	O&M Cost	Cost of Carbon	TOTAL ESCALATED COST	Present Worth Discount	Total Present Value		
0	\$ 105,337,200	\$ -	\$ -	\$ -	\$ -		\$ 105,337,200	1.000	\$ 105,337,000		
1		\$ -	\$ 460,560	\$ 158,407	\$ 162,667		\$ 781,633	0.952	\$ 744,000		
2		\$ -	\$ 476,679	\$ 172,664	\$ 166,733		\$ 816,076	0.907	\$ 740,000		
3		\$ -	\$ 493,363	\$ 188,204	\$ 170,902		\$ 852,468	0.864	\$ 736,000		
4		\$ -	\$ 510,631	\$ 205,142	\$ 175,174		\$ 890,947	0.823	\$ 733,000		
5		\$ -	\$ 528,503	\$ 223,605	\$ 179,554		\$ 931,661	0.784	\$ 730,000		
6		\$ -	\$ 547,000	\$ 243,729	\$ 184,042		\$ 974,772	0.746	\$ 727,000		
7		\$ -	\$ 566,145	\$ 265,665	\$ 188,643	\$ 460,746	\$ 1,020,454	0.711	\$ 725,000		
8		\$ -	\$ 585,960	\$ 289,575	\$ 193,360	\$ 460,746	\$ 1,068,895	0.677	\$ 723,000		
9		\$ -	\$ 606,469	\$ 315,636	\$ 198,194	\$ 460,746	\$ 1,120,299	0.645	\$ 722,000		
10		\$ -	\$ 627,695	\$ 344,044	\$ 203,148	\$ 460,746	\$ 1,174,887	0.614	\$ 721,000		
11		\$ -	\$ 649,665	\$ 375,007	\$ 208,227	\$ 460,746	\$ 1,232,899	0.585	\$ 721,000		
12		\$ -	\$ 672,403	\$ 408,758	\$ 213,433	\$ 460,746	\$ 1,294,594	0.557	\$ 721,000		
13		\$ -	\$ 695,937	\$ 445,546	\$ 218,769	\$ 460,746	\$ 1,360,252	0.530	\$ 721,000		
14		\$ -	\$ 720,295	\$ 485,646	\$ 224,238	\$ 460,746	\$ 1,430,178	0.505	\$ 722,000		
15		\$ -	\$ 745,505	\$ 529,354	\$ 229,844	\$ 460,746	\$ 1,504,703	0.481	\$ 724,000		
16		\$ -	\$ 771,598	\$ 576,995	\$ 235,590	\$ 460,746	\$ 1,584,183	0.458	\$ 726,000		
17		\$ -	\$ 798,604	\$ 628,925	\$ 241,480	\$ 460,746	\$ 1,669,009	0.436	\$ 728,000		
18		\$ -	\$ 826,555	\$ 685,528	\$ 247,517	\$ 460,746	\$ 1,759,600	0.416	\$ 731,000		
19		\$ -	\$ 855,485	\$ 747,226	\$ 253,704	\$ 460,746	\$ 1,856,415	0.396	\$ 735,000		
20		\$ -	\$ 885,426	\$ 814,476	\$ 260,047	\$ 460,746	\$ 1,959,950	0.377	\$ 739,000		
21		\$ -	\$ 916,416	\$ 887,779	\$ 266,548	\$ 460,746	\$ 2,070,744	0.359	\$ 743,000		
22		\$ -	\$ 948,491	\$ 967,679	\$ 273,212	\$ 460,746	\$ 2,189,382	0.342	\$ 748,000		
23		\$ -	\$ 981,688	\$ 1,054,770	\$ 280,042	\$ 460,746	\$ 2,316,501	0.326	\$ 754,000		
24		\$ -	\$ 1,016,047	\$ 1,149,700	\$ 287,043	\$ 460,746	\$ 2,452,790	0.310	\$ 761,000		
25		\$ -	\$ 1,051,609	\$ 1,253,173	\$ 294,219	\$ 460,746	\$ 2,599,001	0.295	\$ 767,000		
Total Present Value Life Cycle Cost (sum of column "i")										\$ 123,679,000	

Option 4A LCCA		Yellow cells have links to Input Summary sheet or Energy Data Sheet								
Escalated Costs, By Category, By Year										
Specify annual escalation rates used for each cost category below.										
		2.1%	3.5%	9.0%	2.5%					
YEAR	Capital Cost	Replacement Cost	Electricity Cost	Natural Gas & Fuel Oil Cost	O&M Cost	Cost of Carbon	TOTAL ESCALATED COST	Present Worth Discount	Total Present Value	
0	\$ 102,720,000	\$ -	\$ -	\$ -	\$ -		\$ 102,720,000	1.000	\$ 102,720,000	
1		\$ -	\$ 561,221	\$ -	\$ 359,017		\$ 920,238	0.952	\$ 876,000	
2		\$ -	\$ 580,864	\$ -	\$ 367,992		\$ 948,856	0.907	\$ 861,000	
3		\$ -	\$ 601,194	\$ -	\$ 377,192		\$ 978,386	0.864	\$ 845,000	
4		\$ -	\$ 622,236	\$ -	\$ 386,622		\$ 1,008,857	0.823	\$ 830,000	
5		\$ -	\$ 644,014	\$ -	\$ 396,287		\$ 1,040,301	0.784	\$ 815,000	
6		\$ -	\$ 666,554	\$ -	\$ 406,194		\$ 1,072,749	0.746	\$ 801,000	
7		\$ -	\$ 689,884	\$ -	\$ 416,349	\$ 460,746	\$ 1,106,233	0.711	\$ 786,000	
8		\$ -	\$ 714,030	\$ -	\$ 426,758	\$ 460,746	\$ 1,140,788	0.677	\$ 772,000	
9		\$ -	\$ 739,021	\$ -	\$ 437,427	\$ 460,746	\$ 1,176,448	0.645	\$ 758,000	
10		\$ -	\$ 764,886	\$ -	\$ 448,363	\$ 460,746	\$ 1,213,249	0.614	\$ 745,000	
11		\$ -	\$ 791,657	\$ -	\$ 459,572	\$ 460,746	\$ 1,251,229	0.585	\$ 732,000	
12		\$ -	\$ 819,365	\$ -	\$ 471,061	\$ 460,746	\$ 1,290,426	0.557	\$ 719,000	
13		\$ -	\$ 848,043	\$ -	\$ 482,838	\$ 460,746	\$ 1,330,881	0.530	\$ 706,000	
14		\$ -	\$ 877,725	\$ -	\$ 494,908	\$ 460,746	\$ 1,372,633	0.505	\$ 693,000	
15		\$ -	\$ 908,445	\$ -	\$ 507,281	\$ 460,746	\$ 1,415,726	0.481	\$ 681,000	
16		\$ -	\$ 940,241	\$ -	\$ 519,963	\$ 460,746	\$ 1,460,204	0.458	\$ 669,000	
17		\$ -	\$ 973,149	\$ -	\$ 532,962	\$ 460,746	\$ 1,506,111	0.436	\$ 657,000	
18		\$ -	\$ 1,007,209	\$ -	\$ 546,286	\$ 460,746	\$ 1,553,496	0.416	\$ 646,000	
19		\$ -	\$ 1,042,462	\$ -	\$ 559,943	\$ 460,746	\$ 1,602,405	0.396	\$ 634,000	
20		\$ -	\$ 1,078,948	\$ -	\$ 573,942	\$ 460,746	\$ 1,652,890	0.377	\$ 623,000	
21		\$ -	\$ 1,116,711	\$ -	\$ 588,291	\$ 460,746	\$ 1,705,002	0.359	\$ 612,000	
22		\$ -	\$ 1,155,796	\$ -	\$ 602,998	\$ 460,746	\$ 1,758,794	0.342	\$ 601,000	
23		\$ -	\$ 1,196,249	\$ -	\$ 618,073	\$ 460,746	\$ 1,814,322	0.326	\$ 591,000	
24		\$ -	\$ 1,238,117	\$ -	\$ 633,525	\$ 460,746	\$ 1,871,642	0.310	\$ 580,000	
25		\$ -	\$ 1,281,452	\$ -	\$ 649,363	\$ 460,746	\$ 1,930,814	0.295	\$ 570,000	
Total Present Value Life Cycle Cost (sum of column "i")									\$ 120,523,000	

Option 5 LCCA		Yellow cells have links to Input Summary sheet or Energy Data Sheet								
Escalated Costs, By Category, By Year										
Specify annual escalation rates used for each cost category below.										
		2.1%	3.5%	9.0%	2.5%					
YEAR	Capital Cost	Replacement Cost	Electricity Cost	Natural Gas & Fuel Oil Cost	O&M Cost	Cost of Carbon	TOTAL ESCALATED COST	Present Worth Discount	Total Present Value	
0	\$ 109,275,200	\$ -	\$ -	\$ -	\$ -		\$ 109,275,200	1.000	\$ 109,275,000	
1		\$ -	\$ 506,565	\$ 89,813	\$ 347,290		\$ 943,668	0.952	\$ 899,000	
2		\$ -	\$ 524,295	\$ 97,896	\$ 355,972		\$ 978,163	0.907	\$ 887,000	
3		\$ -	\$ 542,645	\$ 106,707	\$ 364,872		\$ 1,014,223	0.864	\$ 876,000	
4		\$ -	\$ 561,638	\$ 116,310	\$ 373,993		\$ 1,051,941	0.823	\$ 865,000	
5		\$ -	\$ 581,295	\$ 126,778	\$ 383,343		\$ 1,091,416	0.784	\$ 855,000	
6		\$ -	\$ 601,640	\$ 138,188	\$ 392,927		\$ 1,132,755	0.746	\$ 845,000	
7		\$ -	\$ 622,698	\$ 150,625	\$ 402,750	\$ 358,649	\$ 1,176,073	0.711	\$ 836,000	
8		\$ -	\$ 644,492	\$ 164,181	\$ 412,819	\$ 358,649	\$ 1,221,492	0.677	\$ 827,000	
9		\$ -	\$ 667,049	\$ 178,958	\$ 423,139	\$ 358,649	\$ 1,269,146	0.645	\$ 818,000	
10		\$ -	\$ 690,396	\$ 195,064	\$ 433,718	\$ 358,649	\$ 1,319,178	0.614	\$ 810,000	
11		\$ -	\$ 714,560	\$ 212,620	\$ 444,561	\$ 358,649	\$ 1,371,740	0.585	\$ 802,000	
12		\$ -	\$ 739,570	\$ 231,755	\$ 455,675	\$ 358,649	\$ 1,427,000	0.557	\$ 795,000	
13		\$ -	\$ 765,455	\$ 252,613	\$ 467,066	\$ 358,649	\$ 1,485,134	0.530	\$ 788,000	
14		\$ -	\$ 792,246	\$ 275,348	\$ 478,743	\$ 358,649	\$ 1,546,337	0.505	\$ 781,000	
15		\$ -	\$ 819,974	\$ 300,130	\$ 490,712	\$ 358,649	\$ 1,610,816	0.481	\$ 775,000	
16		\$ -	\$ 848,673	\$ 327,142	\$ 502,979	\$ 358,649	\$ 1,678,794	0.458	\$ 769,000	
17		\$ -	\$ 878,377	\$ 356,584	\$ 515,554	\$ 358,649	\$ 1,750,515	0.436	\$ 764,000	
18		\$ -	\$ 909,120	\$ 388,677	\$ 528,443	\$ 358,649	\$ 1,826,240	0.416	\$ 759,000	
19		\$ -	\$ 940,939	\$ 423,658	\$ 541,654	\$ 358,649	\$ 1,906,251	0.396	\$ 754,000	
20		\$ -	\$ 973,872	\$ 461,787	\$ 555,195	\$ 358,649	\$ 1,990,854	0.377	\$ 750,000	
21		\$ -	\$ 1,007,958	\$ 503,348	\$ 569,075	\$ 358,649	\$ 2,080,380	0.359	\$ 747,000	
22		\$ -	\$ 1,043,236	\$ 548,649	\$ 583,302	\$ 358,649	\$ 2,175,187	0.342	\$ 744,000	
23		\$ -	\$ 1,079,749	\$ 598,028	\$ 597,885	\$ 358,649	\$ 2,275,661	0.326	\$ 741,000	
24		\$ -	\$ 1,117,541	\$ 651,850	\$ 612,832	\$ 358,649	\$ 2,382,222	0.310	\$ 739,000	
25		\$ -	\$ 1,156,654	\$ 710,517	\$ 628,152	\$ 358,649	\$ 2,495,323	0.295	\$ 737,000	
Total Present Value Life Cycle Cost (sum of column "i")									\$ 129,238,000	

Escalated Costs, By Category, By Year								Present Worth Discount	Total Present Value
Specify annual escalation rates used for each cost category below.									
		2.1%	3.5%	9.0%	2.5%				
YEAR	Capital Cost	Replacement Cost	Electricity Cost	Natural Gas & Fuel Oil Cost	O&M Cost	Cost of Carbon	TOTAL ESCALATED COST		
0	\$111,210,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 111,210,000	1.000	\$ 111,210,000
1		\$ -	\$ 559,207	\$ -	\$ 162,667	\$ -	\$ 721,874	0.952	\$ 687,000
2		\$ -	\$ 578,779	\$ -	\$ 166,733	\$ -	\$ 745,512	0.907	\$ 676,000
3		\$ -	\$ 599,036	\$ -	\$ 170,902	\$ -	\$ 769,938	0.864	\$ 665,000
4		\$ -	\$ 620,003	\$ -	\$ 175,174	\$ -	\$ 795,177	0.823	\$ 654,000
5		\$ -	\$ 641,703	\$ -	\$ 179,554	\$ -	\$ 821,256	0.784	\$ 643,000
6		\$ -	\$ 664,162	\$ -	\$ 184,042	\$ -	\$ 848,205	0.746	\$ 633,000
7		\$ -	\$ 687,408	\$ -	\$ 188,643	\$ 227,926	\$ 876,051	0.711	\$ 623,000
8		\$ -	\$ 711,467	\$ -	\$ 193,360	\$ 227,926	\$ 904,827	0.677	\$ 612,000
9		\$ -	\$ 736,369	\$ -	\$ 198,194	\$ 227,926	\$ 934,562	0.645	\$ 602,000
10		\$ -	\$ 762,142	\$ -	\$ 203,148	\$ 227,926	\$ 965,290	0.614	\$ 593,000
11		\$ -	\$ 788,817	\$ -	\$ 208,227	\$ 227,926	\$ 997,044	0.585	\$ 583,000
12		\$ -	\$ 816,425	\$ -	\$ 213,433	\$ 227,926	\$ 1,029,858	0.557	\$ 573,000
13		\$ -	\$ 845,000	\$ -	\$ 218,769	\$ 227,926	\$ 1,063,769	0.530	\$ 564,000
14		\$ -	\$ 874,575	\$ -	\$ 224,238	\$ 227,926	\$ 1,098,813	0.505	\$ 555,000
15		\$ -	\$ 905,185	\$ -	\$ 229,844	\$ 227,926	\$ 1,135,029	0.481	\$ 546,000
16		\$ -	\$ 936,867	\$ -	\$ 235,590	\$ 227,926	\$ 1,172,456	0.458	\$ 537,000
17		\$ -	\$ 969,657	\$ -	\$ 241,480	\$ 227,926	\$ 1,211,136	0.436	\$ 528,000
18		\$ -	\$ 1,003,595	\$ -	\$ 247,517	\$ 227,926	\$ 1,251,111	0.416	\$ 520,000
19		\$ -	\$ 1,038,721	\$ -	\$ 253,704	\$ 227,926	\$ 1,292,425	0.396	\$ 511,000
20		\$ -	\$ 1,075,076	\$ -	\$ 260,047	\$ 227,926	\$ 1,335,123	0.377	\$ 503,000
21		\$ -	\$ 1,112,704	\$ -	\$ 266,548	\$ 227,926	\$ 1,379,252	0.359	\$ 495,000
22		\$ -	\$ 1,151,648	\$ -	\$ 273,212	\$ 227,926	\$ 1,424,860	0.342	\$ 487,000
23		\$ -	\$ 1,191,956	\$ -	\$ 280,042	\$ 227,926	\$ 1,471,998	0.326	\$ 479,000
24		\$ -	\$ 1,233,674	\$ -	\$ 287,043	\$ 227,926	\$ 1,520,718	0.310	\$ 472,000
25		\$ -	\$ 1,276,853	\$ -	\$ 294,219	\$ 227,926	\$ 1,571,072	0.295	\$ 464,000
Total Present Value Life Cycle Cost (sum of column "i")									\$ 125,415,000

Escalated Costs, By Category, By Year								Present Worth Discount	Total Present Value
Specify annual escalation rates used for each cost category below.									
		2.1%	3.5%	9.0%	2.5%				
YEAR	Capital Cost	Replacement Cost	Electricity Cost	Natural Gas & Fuel Oil Cost	O&M Cost	Cost of Carbon	TOTAL ESCALATED COST		
0	\$110,010,000	\$ -	\$ -	\$ -	\$ -		\$ 110,010,000	1.000	\$ 110,010,000
1		\$ -	\$ 564,994		\$ 162,667		\$ 727,661	0.952	\$ 693,000
2		\$ -	\$ 584,768		\$ 166,734		\$ 751,502	0.907	\$ 682,000
3		\$ -	\$ 605,235		\$ 170,902		\$ 776,137	0.864	\$ 670,000
4		\$ -	\$ 626,419		\$ 175,175		\$ 801,593	0.823	\$ 659,000
5		\$ -	\$ 648,343		\$ 179,554		\$ 827,897	0.784	\$ 649,000
6		\$ -	\$ 671,035		\$ 184,043		\$ 855,078	0.746	\$ 638,000
7		\$ -	\$ 694,522		\$ 188,644	\$ 230,285	\$ 883,165	0.711	\$ 628,000
8		\$ -	\$ 718,830		\$ 193,360	\$ 230,285	\$ 912,190	0.677	\$ 617,000
9		\$ -	\$ 743,989		\$ 198,194	\$ 230,285	\$ 942,183	0.645	\$ 607,000
10		\$ -	\$ 770,028		\$ 203,149	\$ 230,285	\$ 973,177	0.614	\$ 597,000
11		\$ -	\$ 796,979		\$ 208,228	\$ 230,285	\$ 1,005,207	0.585	\$ 588,000
12		\$ -	\$ 824,874		\$ 213,433	\$ 230,285	\$ 1,038,307	0.557	\$ 578,000
13		\$ -	\$ 853,744		\$ 218,769	\$ 230,285	\$ 1,072,513	0.530	\$ 569,000
14		\$ -	\$ 883,625		\$ 224,238	\$ 230,285	\$ 1,107,864	0.505	\$ 560,000
15		\$ -	\$ 914,552		\$ 229,844	\$ 230,285	\$ 1,144,396	0.481	\$ 550,000
16		\$ -	\$ 946,562		\$ 235,590	\$ 230,285	\$ 1,182,152	0.458	\$ 542,000
17		\$ -	\$ 979,691		\$ 241,480	\$ 230,285	\$ 1,221,171	0.436	\$ 533,000
18		\$ -	\$ 1,013,980		\$ 247,517	\$ 230,285	\$ 1,261,497	0.416	\$ 524,000
19		\$ -	\$ 1,049,470		\$ 253,705	\$ 230,285	\$ 1,303,175	0.396	\$ 516,000
20		\$ -	\$ 1,086,201		\$ 260,048	\$ 230,285	\$ 1,346,249	0.377	\$ 507,000
21		\$ -	\$ 1,124,218		\$ 266,549	\$ 230,285	\$ 1,390,767	0.359	\$ 499,000
22		\$ -	\$ 1,163,566		\$ 273,213	\$ 230,285	\$ 1,436,778	0.342	\$ 491,000
23		\$ -	\$ 1,204,291		\$ 280,043	\$ 230,285	\$ 1,484,333	0.326	\$ 483,000
24		\$ -	\$ 1,246,441		\$ 287,044	\$ 230,285	\$ 1,533,485	0.310	\$ 475,000
25		\$ -	\$ 1,290,066		\$ 294,220	\$ 230,285	\$ 1,584,286	0.295	\$ 468,000
Total Present Value Life Cycle Cost (sum of column "i")									\$ 124,333,000