

CHMRP - NMED DP-55 & AP-27 Combined Financial Assurance NPV Calculation					
Year	Current Cost (P)	Inflation (%) (i)	Future amount (F) = P*(1+i) ⁿ	Discount Rate (D)	Net Present Value (NPV) = F*1/(1+D) ⁿ
1	\$ 512,056	2.52%	524,960	3.10%	\$ 509,175
2	\$ 506,048	2.52%	531,875	3.10%	\$ 500,371
3	\$ 61,355	2.52%	66,111	3.10%	\$ 60,325
4	\$ 88,856	2.52%	98,157	3.10%	\$ 86,873
5	\$ 88,856	2.52%	100,630	3.10%	\$ 86,384
6	\$ 61,356	2.52%	71,237	3.10%	\$ 59,314
7	\$ 111,460	2.52%	132,672	3.10%	\$ 107,144
8	\$ 61,354	2.52%	74,871	3.10%	\$ 58,647
9	\$ 61,354	2.52%	76,758	3.10%	\$ 58,317
10	\$ 65,905	2.52%	84,529	3.10%	\$ 62,290
11	\$ 61,354	2.52%	80,675	3.10%	\$ 57,663
12	\$ 111,459	2.52%	150,251	3.10%	\$ 104,163
13	\$ 21,958	2.52%	30,346	3.10%	\$ 20,405
14	\$ 21,958	2.52%	31,110	3.10%	\$ 20,290
15	\$ 21,958	2.52%	31,894	3.10%	\$ 20,176
16	\$ 31,765	2.52%	47,303	3.10%	\$ 29,024
17	\$ 81,868	2.52%	124,986	3.10%	\$ 74,381
18	\$ 31,765	2.52%	49,718	3.10%	\$ 28,698
19	\$ 36,317	2.52%	58,273	3.10%	\$ 32,625
20	\$ 31,765	2.52%	52,255	3.10%	\$ 28,376
21	\$ 22,912	2.52%	38,641	3.10%	\$ 20,352
22	\$ 73,013	2.52%	126,237	3.10%	\$ 64,490
23	\$ 476,505	2.52%	844,628	3.10%	\$ 418,520
24	\$ 463,163	2.52%	841,667	3.10%	\$ 404,513
25	\$ 463,163	2.52%	862,877	3.10%	\$ 402,237
26	\$ 22,912	2.52%	43,761	3.10%	\$ 19,786
27	\$ 73,013	2.52%	142,965	3.10%	\$ 62,697
28	\$ 22,912	2.52%	45,994	3.10%	\$ 19,564
29	\$ 22,912	2.52%	47,153	3.10%	\$ 19,454
30	\$ 32,731	2.52%	69,059	3.10%	\$ 27,635
31	\$ 22,912	2.52%	49,560	3.10%	\$ 19,236
32	\$ 73,013	2.52%	161,910	3.10%	\$ 60,953
33	\$ 22,912	2.52%	52,089	3.10%	\$ 19,020
34	\$ 22,912	2.52%	53,402	3.10%	\$ 18,913
35	\$ 22,912	2.52%	54,747	3.10%	\$ 18,807
36	\$ 22,912	2.52%	56,127	3.10%	\$ 18,701
37	\$ 82,834	2.52%	208,030	3.10%	\$ 67,229
38	\$ 22,912	2.52%	58,992	3.10%	\$ 18,491
39	\$ 675,022	2.52%	1,781,775	3.10%	\$ 541,708
40	\$ 22,912	2.52%	62,002	3.10%	\$ 18,284
41	\$ 22,912	2.52%	63,565	3.10%	\$ 18,181
42	\$ 82,834	2.52%	235,597	3.10%	\$ 65,359
43	\$ 22,912	2.52%	66,809	3.10%	\$ 17,977
44	\$ 22,912	2.52%	68,492	3.10%	\$ 17,876
45	\$ 22,912	2.52%	70,218	3.10%	\$ 17,775
46	\$ 476,505	2.52%	1,497,143	3.10%	\$ 367,591
47	\$ 523,087	2.52%	1,684,916	3.10%	\$ 401,255
48	\$ 463,163	2.52%	1,529,491	3.10%	\$ 353,290
49	\$ 22,912	2.52%	77,568	3.10%	\$ 17,378
50	\$ 22,912	2.52%	79,523	3.10%	\$ 17,281
51	\$ 22,912	2.52%	81,527	3.10%	\$ 17,183
52	\$ 82,834	2.52%	302,173	3.10%	\$ 61,774
53	\$ 22,912	2.52%	85,688	3.10%	\$ 16,991
54	\$ 22,912	2.52%	87,847	3.10%	\$ 16,895
55	\$ 22,912	2.52%	90,061	3.10%	\$ 16,800
56	\$ 22,912	2.52%	92,330	3.10%	\$ 16,705
57	\$ 82,834	2.52%	342,214	3.10%	\$ 60,056
58	\$ 22,912	2.52%	97,042	3.10%	\$ 16,518
59	\$ 22,912	2.52%	99,488	3.10%	\$ 16,425
60	\$ 22,912	2.52%	101,995	3.10%	\$ 16,333
61	\$ 22,912	2.52%	104,565	3.10%	\$ 16,241
62	\$ 82,834	2.52%	387,562	3.10%	\$ 58,385
63	\$ 22,912	2.52%	109,902	3.10%	\$ 16,059
64	\$ 22,912	2.52%	112,671	3.10%	\$ 15,968
65	\$ 22,912	2.52%	115,511	3.10%	\$ 15,878
66	\$ 22,912	2.52%	118,421	3.10%	\$ 15,789
67	\$ 82,834	2.52%	438,919	3.10%	\$ 56,761
68	\$ 22,912	2.52%	124,465	3.10%	\$ 15,612
69	\$ 572,357	2.52%	3,187,573	3.10%	\$ 387,804
70	\$ 1,019,419	2.52%	5,820,425	3.10%	\$ 686,828
71	\$ 463,163	2.52%	2,711,094	3.10%	\$ 310,298
72	\$ 82,834	2.52%	497,081	3.10%	\$ 55,183
73	\$ 22,912	2.52%	140,958	3.10%	\$ 15,178
74	\$ 22,912	2.52%	144,510	3.10%	\$ 15,092
75	\$ 22,912	2.52%	148,152	3.10%	\$ 15,007
76	\$ 22,912	2.52%	151,886	3.10%	\$ 14,923
77	\$ 82,834	2.52%	562,950	3.10%	\$ 53,648
78	\$ 22,912	2.52%	159,637	3.10%	\$ 14,756
79	\$ 22,912	2.52%	163,660	3.10%	\$ 14,673
80	\$ 22,912	2.52%	167,784	3.10%	\$ 14,590
81	\$ 22,912	2.52%	172,012	3.10%	\$ 14,508
82	\$ 82,834	2.52%	637,548	3.10%	\$ 52,156
83	\$ 22,912	2.52%	180,791	3.10%	\$ 14,345
84	\$ 22,912	2.52%	185,347	3.10%	\$ 14,265
85	\$ 22,912	2.52%	190,018	3.10%	\$ 14,184
86	\$ 22,912	2.52%	194,806	3.10%	\$ 14,104
87	\$ 82,834	2.52%	722,031	3.10%	\$ 50,705
88	\$ 22,912	2.52%	204,748	3.10%	\$ 13,946
89	\$ 22,912	2.52%	209,908	3.10%	\$ 13,868
90	\$ 22,912	2.52%	215,197	3.10%	\$ 13,790
91	\$ 22,912	2.52%	220,620	3.10%	\$ 13,712
92	\$ 82,834	2.52%	817,709	3.10%	\$ 49,295
93	\$ 22,912	2.52%	231,880	3.10%	\$ 13,558
94	\$ 22,912	2.52%	237,723	3.10%	\$ 13,482
95	\$ 22,912	2.52%	243,714	3.10%	\$ 13,406
96	\$ 22,912	2.52%	249,855	3.10%	\$ 13,331
97	\$ 82,834	2.52%	926,066	3.10%	\$ 47,924
98	\$ 22,912	2.52%	262,607	3.10%	\$ 13,181
99	\$ 22,912	2.52%	269,224	3.10%	\$ 13,107
100	\$ 640,055	2.52%	7,710,402	3.10%	\$ 364,091
Current Cost=	\$ 10,766,482		Future Amount= \$ 44,223,846		Net Present Value= \$ 8,394,507

CHMRP - NMED DP-55 Financial Assurance NPV Calculation					
Year	Current Cost (P)	Inflation (%) (i)	Future amount (F) = P*(1+i) ⁿ	Discount Rate (D)	Net Present Value (NPV) = F*1/(1+D) ⁿ
1	\$ 45,978	2.52%	47,136	3.10%	\$ 45,719
2	\$ 39,970	2.52%	42,010	3.10%	\$ 39,522
3	\$ 39,970	2.52%	43,069	3.10%	\$ 39,299
4	\$ 67,471	2.52%	74,534	3.10%	\$ 65,966
5	\$ 67,471	2.52%	76,412	3.10%	\$ 65,595
6	\$ 39,971	2.52%	46,409	3.10%	\$ 38,641
7	\$ 54,004	2.52%	64,282	3.10%	\$ 51,913
8	\$ 39,970	2.52%	48,775	3.10%	\$ 38,206
9	\$ 39,970	2.52%	50,005	3.10%	\$ 37,991
10	\$ 44,177	2.52%	56,661	3.10%	\$ 41,754
11	\$ 39,970	2.52%	52,557	3.10%	\$ 37,565
12	\$ 54,003	2.52%	72,798	3.10%	\$ 50,468
13	\$ 10,679	2.52%	14,759	3.10%	\$ 9,924
14	\$ 10,679	2.52%	15,131	3.10%	\$ 9,868
15	\$ 10,679	2.52%	15,512	3.10%	\$ 9,813
16	\$ 14,680	2.52%	21,861	3.10%	\$ 13,413
17	\$ 28,713	2.52%	43,835	3.10%	\$ 26,087
18	\$ 14,680	2.52%	22,976	3.10%	\$ 13,262
19	\$ 18,889	2.52%	30,309	3.10%	\$ 16,969
20	\$ 14,680	2.52%	24,149	3.10%	\$ 13,114
21	\$ 10,881	2.52%	18,350	3.10%	\$ 9,665
22	\$ 24,912	2.52%	43,072	3.10%	\$ 22,004
23	\$ 10,881	2.52%	19,286	3.10%	\$ 9,557
24	\$ 10,881	2.52%	19,772	3.10%	\$ 9,503
25	\$ 10,881	2.52%	20,271	3.10%	\$ 9,449
26	\$ 10,881	2.52%	20,781	3.10%	\$ 9,396
27	\$ 24,912	2.52%	48,779	3.10%	\$ 21,392
28	\$ 10,881	2.52%	21,842	3.10%	\$ 9,291
29	\$ 10,881	2.52%	22,392	3.10%	\$ 9,238
30	\$ 14,893	2.52%	31,422	3.10%	\$ 12,574
31	\$ 10,881	2.52%	23,535	3.10%	\$ 9,135
32	\$ 24,912	2.52%	55,243	3.10%	\$ 20,797
33	\$ 10,881	2.52%	24,736	3.10%	\$ 9,032
34	\$ 10,881	2.52%	25,360	3.10%	\$ 8,982
35	\$ 10,881	2.52%	25,999	3.10%	\$ 8,931
36	\$ 10,881	2.52%	26,654	3.10%	\$ 8,881
37	\$ 28,926	2.52%	72,645	3.10%	\$ 23,476
38	\$ 10,881	2.52%	28,014	3.10%	\$ 8,781
39	\$ 141,171	2.52%	372,632	3.10%	\$ 113,290
40	\$ 10,881	2.52%	29,444	3.10%	\$ 8,683
41	\$ 10,881	2.52%	30,186	3.10%	\$ 8,634
42	\$ 28,926	2.52%	82,271	3.10%	\$ 22,823
43	\$ 10,881	2.52%	31,726	3.10%	\$ 8,537
44	\$ 10,881	2.52%	32,526	3.10%	\$ 8,489
45	\$ 10,881	2.52%	33,346	3.10%	\$ 8,441
46	\$ 10,881	2.52%	34,186	3.10%	\$ 8,394
47	\$ 28,926	2.52%	93,173	3.10%	\$ 22,189
48	\$ 10,881	2.52%	35,931	3.10%	\$ 8,299
49	\$ 10,881	2.52%	36,836	3.10%	\$ 8,253
50	\$ 10,881	2.52%	37,764	3.10%	\$ 8,206
51	\$ 10,881	2.52%	38,716	3.10%	\$ 8,160
52	\$ 28,926	2.52%	105,519	3.10%	\$ 21,572
53	\$ 10,881	2.52%	40,692	3.10%	\$ 8,069
54	\$ 10,881	2.52%	41,717	3.10%	\$ 8,023
55	\$ 10,881	2.52%	42,769	3.10%	\$ 7,978
56	\$ 10,881	2.52%	43,846	3.10%	\$ 7,933
57	\$ 28,926	2.52%	119,502	3.10%	\$ 20,972
58	\$ 10,881	2.52%	46,084	3.10%	\$ 7,844
59	\$ 10,881	2.52%	47,245	3.10%	\$ 7,800
60	\$ 10,881	2.52%	48,436	3.10%	\$ 7,756
61	\$ 10,881	2.52%	49,657	3.10%	\$ 7,713
62	\$ 28,926	2.52%	135,337	3.10%	\$ 20,388
63	\$ 10,881	2.52%	52,191	3.10%	\$ 7,626
64	\$ 10,881	2.52%	53,506	3.10%	\$ 7,583
65	\$ 10,881	2.52%	54,854	3.10%	\$ 7,540
66	\$ 10,881	2.52%	56,237	3.10%	\$ 7,498
67	\$ 28,926	2.52%	153,271	3.10%	\$ 19,821
68	\$ 10,881	2.52%	59,107	3.10%	\$ 7,414
69	\$ 34,653	2.52%	192,989	3.10%	\$ 23,479
70	\$ 117,396	2.52%	670,281	3.10%	\$ 79,095
71	\$ 10,881	2.52%	63,689	3.10%	\$ 7,289
72	\$ 28,926	2.52%	173,582	3.10%	\$ 19,270
73	\$ 10,881	2.52%	66,939	3.10%	\$ 7,208
74	\$ 10,881	2.52%	68,626	3.10%	\$ 7,167
75	\$ 10,881	2.52%	70,355	3.10%	\$ 7,127
76	\$ 10,881	2.52%	72,128	3.10%	\$ 7,087
77	\$ 28,926	2.52%	196,583	3.10%	\$ 18,734
78	\$ 10,881	2.52%	75,809	3.10%	\$ 7,007
79	\$ 10,881	2.52%	77,720	3.10%	\$ 6,968
80	\$ 10,881	2.52%	79,678	3.10%	\$ 6,929
81	\$ 10,881	2.52%	81,686	3.10%	\$ 6,890
82	\$ 28,926	2.52%	222,633	3.10%	\$ 18,213
83	\$ 10,881	2.52%	85,855	3.10%	\$ 6,812
84	\$ 10,881	2.52%	88,019	3.10%	\$ 6,774
85	\$ 10,881	2.52%	90,237	3.10%	\$ 6,736
86	\$ 10,881	2.52%	92,511	3.10%	\$ 6,698
87	\$ 28,926	2.52%	252,135	3.10%	\$ 17,706
88	\$ 10,881	2.52%	97,232	3.10%	\$ 6,623
89	\$ 10,881	2.52%	99,682	3.10%	\$ 6,586
90	\$ 10,881	2.52%	102,194	3.10%	\$ 6,549
91	\$ 10,881	2.52%	104,769	3.10%	\$ 6,512
92	\$ 28,926	2.52%	285,546	3.10%	\$ 17,214
93	\$ 10,881	2.52%	110,116	3.10%	\$ 6,439
94	\$ 10,881	2.52%	112,891	3.10%	\$ 6,402
95	\$ 10,881	2.52%	115,736	3.10%	\$ 6,366
96	\$ 10,881	2.52%	118,653	3.10%	\$ 6,331
97	\$ 28,926	2.52%	323,384	3.10%	\$ 16,735
98	\$ 10,881	2.52%	124,708	3.10%	\$ 6,260
99	\$ 10,881	2.52%	127,851	3.10%	\$ 6,224
100	\$ 190,918	2.52%	2,299,890	3.10%	\$ 108,603
Current Cost=	\$ 2,288,361		Future Amount= \$ 10,194,147		Net Present Value= \$ 1,785,132

CHMRP - NMED AP-27 Financial Assurance NPV Calculation					
Year	Current Cost (P)	Inflation (%) (i)	Future amount (F) = P*(1+i) ⁿ	Discount Rate (D)	Net Present Value (NPV) = F*1/(1+D) ⁿ
1	\$ 466,078	2.52%	477,823	3.10%	\$ 463,456
2	\$ 466,078	2.52%	489,864	3.10%	\$ 460,849
3	\$ 21,384	2.52%	23,042	3.10%	\$ 21,026
4	\$ 21,384	2.52%	23,623	3.10%	\$ 20,907
5	\$ 21,384	2.52%	24,218	3.10%	\$ 20,790
6	\$ 21,384	2.52%	24,828	3.10%	\$ 20,673
7	\$ 57,456	2.52%	68,390	3.10%	\$ 55,231
8	\$ 21,384	2.52%	26,096	3.10%	\$ 20,441
9	\$ 21,384	2.52%	26,753	3.10%	\$ 20,326
10	\$ 21,728	2.52%	27,869	3.10%	\$ 20,537
11	\$ 21,384	2.52%	28,118	3.10%	\$ 20,098
12	\$ 57,456	2.52%	77,453	3.10%	\$ 53,695
13	\$ 11,278	2.52%	15,587	3.10%	\$ 10,481
14	\$ 11,278	2.52%	15,980	3.10%	\$ 10,422
15	\$ 11,278	2.52%	16,382	3.10%	\$ 10,363
16	\$ 17,085	2.52%	25,443	3.10%	\$ 15,611
17	\$ 53,155	2.52%	81,150	3.10%	\$ 48,294
18	\$ 17,085	2.52%	26,741	3.10%	\$ 15,436
19	\$ 17,427	2.52%	27,964	3.10%	\$ 15,656
20	\$ 17,085	2.52%	28,106	3.10%	\$ 15,263
21	\$ 12,031	2.52%	20,291	3.10%	\$ 10,687
22	\$ 48,101	2.52%	83,165	3.10%	\$ 42,487
23	\$ 465,625	2.52%	825,342	3.10%	\$ 408,964
24	\$ 452,283	2.52%	821,895	3.10%	\$ 395,010
25	\$ 452,283	2.52%	842,607	3.10%	\$ 392,788
26	\$ 12,031	2.52%	22,980	3.10%	\$ 10,390
27	\$ 48,101	2.52%	94,186	3.10%	\$ 41,305
28	\$ 12,031	2.52%	24,152	3.10%	\$ 10,273
29	\$ 12,031	2.52%	24,761	3.10%	\$ 10,216
30	\$ 17,839	2.52%	37,637	3.10%	\$ 15,061
31	\$ 12,031	2.52%	26,025	3.10%	\$ 10,101
32	\$ 48,101	2.52%	106,667	3.10%	\$ 40,156
33	\$ 12,031	2.52%	27,353	3.10%	\$ 9,988
34	\$ 12,031	2.52%	28,042	3.10%	\$ 9,932
35	\$ 12,031	2.52%	28,749	3.10%	\$ 9,876
36	\$ 12,031	2.52%	29,473	3.10%	\$ 9,820
37	\$ 53,908	2.52%	135,385	3.10%	\$ 43,752
38	\$ 12,031	2.52%	30,977	3.10%	\$ 9,710
39	\$ 533,851	2.52%	1,409,143	3.10%	\$ 428,418
40	\$ 12,031	2.52%	32,558	3.10%	\$ 9,601
41	\$ 12,031	2.52%	33,379	3.10%	\$ 9,547
42	\$ 53,908	2.52%	153,326	3.10%	\$ 42,535
43	\$ 12,031	2.52%	35,082	3.10%	\$ 9,440
44	\$ 12,031	2.52%	35,966	3.10%	\$ 9,387
45	\$ 12,031	2.52%	36,873	3.10%	\$ 9,334
46	\$ 465,625	2.52%	1,462,957	3.10%	\$ 359,197
47	\$ 494,161	2.52%	1,591,743	3.10%	\$ 379,067
48	\$ 452,283	2.52%	1,493,560	3.10%	\$ 344,990
49	\$ 12,031	2.52%	40,732	3.10%	\$ 9,126
50	\$ 12,031	2.52%	41,759	3.10%	\$ 9,074
51	\$ 12,031	2.52%	42,811	3.10%	\$ 9,023
52	\$ 53,908	2.52%	196,653	3.10%	\$ 40,202
53	\$ 12,031	2.52%	44,996	3.10%	\$ 8,922
54	\$ 12,031	2.52%	46,130	3.10%	\$ 8,872
55	\$ 12,031	2.52%	47,292	3.10%	\$ 8,822
56	\$ 12,031	2.52%	48,484	3.10%	\$ 8,772
57	\$ 53,908	2.52%	222,712	3.10%	\$ 39,084
58	\$ 12,031	2.52%	50,958	3.10%	\$ 8,674
59	\$ 12,031	2.52%	52,243	3.10%	\$ 8,625
60	\$ 12,031	2.52%	53,559	3.10%	\$ 8,577
61	\$ 12,031	2.52%	54,909	3.10%	\$ 8,528
62	\$ 53,908	2.52%	252,224	3.10%	\$ 37,997
63	\$ 12,031	2.52%	57,711	3.10%	\$ 8,433
64	\$ 12,031	2.52%	59,165	3.10%	\$ 8,385
65	\$ 12,031	2.52%	60,656	3.10%	\$ 8,338
66	\$ 12,031	2.52%	62,185	3.10%	\$ 8,291
67	\$ 53,908	2.52%	285,647	3.10%	\$ 36,940
68	\$ 12,031	2.52%	65,358	3.10%	\$ 8,198
69	\$ 537,704	2.52%	2,994,584	3.10%	\$ 364,325
70	\$ 902,023	2.52%	5,150,144	3.10%	\$ 607,733
71	\$ 452,283	2.52%	2,647,405	3.10%	\$ 303,009
72	\$ 53,908	2.52%	323,499	3.10%	\$ 35,913
73	\$ 12,031	2.52%	74,019	3.10%	\$ 7,970
74	\$ 12,031	2.52%	75,885	3.10%	\$ 7,925
75	\$ 12,031	2.52%	77,797	3.10%	\$ 7,881
76	\$ 12,031	2.52%	79,757	3.10%	\$ 7,836
77	\$ 53,908	2.52%	366,367	3.10%	\$ 34,914
78	\$ 12,031	2.52%	83,828	3.10%	\$ 7,748
79	\$ 12,031	2.52%	85,940	3.10%	\$ 7,705
80	\$ 12,031	2.52%	88,106	3.10%	\$ 7,661
81	\$ 12,031	2.52%	90,326	3.10%	\$ 7,618
82	\$ 53,908	2.52%	414,915	3.10%	\$ 33,943
83	\$ 12,031	2.52%	94,936	3.10%	\$ 7,533
84	\$ 12,031	2.52%	97,328	3.10%	\$ 7,491
85	\$ 12,031	2.52%	99,781	3.10%	\$ 7,448
86	\$ 12,031	2.52%	102,296	3.10%	\$ 7,406
87	\$ 53,908	2.52%	469,896	3.10%	\$ 32,999
88	\$ 12,031	2.52%	107,516	3.10%	\$ 7,323
89	\$ 12,031	2.52%	110,226	3.10%	\$ 7,282
90	\$ 12,031	2.52%	113,003	3.10%	\$ 7,241
91	\$ 12,031	2.52%	115,851	3.10%	\$ 7,200
92	\$ 53,908	2.52%	532,163	3.10%	\$ 32,081
93	\$ 12,031	2.52%	121,763	3.10%	\$ 7,120
94	\$ 12,031	2.52%	124,832	3.10%	\$ 7,080
95	\$ 12,031	2.52%	127,978	3.10%	\$ 7,040
96	\$ 12,031	2.52%	131,203	3.10%	\$ 7,000
97	\$ 53,908	2.52%	602,681	3.10%	\$ 31,189
98	\$ 12,031	2.52%	137,899	3.10%	\$ 6,922
99	\$ 12,031	2.52%	141,374	3.10%	\$ 6,883
100	\$ 449,137	2.52%	5,410,512	3.10%	\$ 255,489
Current Cost=	\$ 8,478,122		Future Amount= \$ 34,029,699		Net Present Value= \$ 6,609,374

**CHMRP - Financial Assurance Discount Rate Calculation
Bloomberg US Agg Total Return Value Unhedged USD**

Date	Annual Percentage Change	Covert to decimal	Convert to Positive
2003	4.1	0.0410	1.0410
2004	4.34	0.0434	1.0434
2005	2.43	0.0243	1.0243
2006	4.33	0.0433	1.0433
2007	6.97	0.0697	1.0697
2008	5.24	0.0524	1.0524
2009	4.52	0.0452	1.0593
2010	6.54	0.0654	1.0654
2011	7.84	0.0784	1.0784
2012	4.22	0.0422	1.0422
2013	-2.02	(0.0202)	0.9798
2014	5.97	0.0597	1.0597
2015	0.55	0.0055	1.0055
2016	2.65	0.0265	1.0265
2017	3.54	0.0354	1.0354
2018	0.01	0.0001	1.0001
2019	8.72	0.0872	1.0872
2020	7.51	0.0751	1.0751
2021	-1.54	(0.0154)	0.9846
2022	-13.01	(0.1301)	0.8699
Calculated Long-Term Discount=			3.10%

CHMRP - Financial Assurance Escalation Rate Calculation
CPI-U BLS Series ID CUUR000SA0

Date	Annual Average	Annual Percentage Change	Convert to Positive
2002	180.9		1.0019
2003	184.3	1.879	1.0033
2004	190.3	3.256	1.0034
2005	196.8	3.416	1.0025
2006	201.8	2.541	1.0041
2007	210.036	4.081	1.0001
2008	210.228	0.091	1.0027
2009	215.949	2.721	1.0015
2010	219.179	1.496	1.0030
2011	225.672	2.962	1.0017
2012	229.601	1.741	1.0015
2013	233.049	1.502	1.0008
2014	234.812	0.756	1.0007
2015	236.525	0.730	1.0021
2016	241.432	2.075	1.0021
2017	246.524	2.109	1.0019
2018	251.233	1.910	1.0023
2019	256.974	2.285	1.0014
2020	260.474	1.362	1.0070
2021	278.802	7.036	1.0065
2022	296.797	6.454	
Calculated Escalation=			2.52%