

**MRP 100 YEAR ANALYSIS - 4% REDUCING BALANCE AND 50 YEAR STRAIGHT LINE**

CFR @ 31/03/2016 - CAPITAL EXPD (COUNCIL FUND) FUNDED FROM SUPPORTED BORROWING

149,649,776

Adjustment A

1,721,525

147,928,251

Year	CFR	MRP on current 4% reducing balance basis	MRP on proposed 50 years straight line	Additional Cost/ (Saving)	Total Additional Cost / (Saving)	NPV Additional Cost / (Saving)
1	2016/17	147,928,251	5,917,130	2,992,996	(2,924,135)	
2	2017/18	142,011,121	5,680,445	2,992,996	(2,687,449)	
3	2018/19	136,330,676	5,453,227	2,992,996	(2,460,232)	
4	2019/20	130,877,449	5,235,098	2,992,996	(2,242,102)	
5	2020/21	125,642,351	5,025,694	2,992,996	(2,032,699)	
6	2021/22	120,616,657	4,824,666	2,992,996	(1,831,671)	
7	2022/23	115,791,991	4,631,680	2,992,996	(1,638,684)	
8	2023/24	111,160,311	4,446,412	2,992,996	(1,453,417)	
9	2024/25	106,713,899	4,268,556	2,992,996	(1,275,560)	
10	2025/26	102,445,343	4,097,814	2,992,996	(1,104,818)	
11	2026/27	98,347,529	3,933,901	2,992,996	(940,906)	
12	2027/28	94,413,628	3,776,545	2,992,996	(783,550)	
13	2028/29	90,637,083	3,625,483	2,992,996	(632,488)	
14	2029/30	87,011,599	3,480,464	2,992,996	(487,468)	
15	2030/31	83,531,135	3,341,245	2,992,996	(348,250)	
16	2031/32	80,189,890	3,207,596	2,992,996	(214,600)	
17	2032/33	76,982,294	3,079,292	2,992,996	(86,296)	(23,144,324)
18	2033/34	73,903,003	2,956,120	2,992,996	36,875	(21,070,637)
19	2034/35	70,946,883	2,837,875	2,992,996	155,120	
20	2035/36	68,109,007	2,724,360	2,992,996	268,635	
21	2036/37	65,384,647	2,615,386	2,992,996	377,610	
22	2037/38	62,769,261	2,510,770	2,992,996	482,225	
23	2038/39	60,258,491	2,410,340	2,992,996	582,656	
24	2039/40	57,848,151	2,313,926	2,992,996	679,069	
25	2040/41	55,534,225	2,221,369	2,992,996	771,627	
26	2041/42	53,312,856	2,132,514	2,992,996	860,481	
27	2042/43	51,180,342	2,047,214	2,992,996	945,782	
28	2043/44	49,133,128	1,965,325	2,992,996	1,027,670	
29	2044/45	47,167,803	1,886,712	2,992,996	1,106,283	
30	2045/46	45,281,091	1,811,244	2,992,996	1,181,752	
31	2046/47	43,469,847	1,738,794	2,992,996	1,254,202	
32	2047/48	41,731,053	1,669,242	2,992,996	1,323,753	
33	2048/49	40,061,811	1,602,472	2,992,996	1,390,523	
34	2049/50	38,459,339	1,538,374	2,992,996	1,454,622	
35	2050/51	36,920,965	1,476,839	2,992,996	1,516,157	
36	2051/52	35,444,127	1,417,765	2,992,996	1,575,230	
37	2052/53	34,026,362	1,361,054	2,992,996	1,631,941	
38	2053/54	32,665,307	1,306,612	2,992,996	1,686,383	
39	2054/55	31,358,695	1,254,348	2,992,996	1,738,648	
40	2055/56	30,104,347	1,204,174	2,992,996	1,788,822	
41	2056/57	28,900,173	1,156,007	2,992,996	1,836,989	
42	2057/58	27,744,166	1,109,767	2,992,996	1,883,229	
43	2058/59	26,634,400	1,065,376	2,992,996	1,927,620	
44	2059/60	25,569,024	1,022,761	2,992,996	1,970,235	
45	2060/61	24,546,263	981,851	2,992,996	2,011,145	
46	2061/62	23,564,412	942,576	2,992,996	2,050,419	
47	2062/63	22,621,836	904,873	2,992,996	2,088,122	
48	2063/64	21,716,962	868,678	2,992,996	2,124,317	
49	2064/65	20,848,284	833,931	2,992,996	2,159,064	
50	2065/66	20,014,352	800,574	2,992,996	2,192,421	44,079,628
						21,265,301

51	2066/67	19,213,778	768,551	-	(768,551)		
52	2067/68	18,445,227	737,809	-	(737,809)		
53	2068/69	17,707,418	708,297	-	(708,297)		
54	2069/70	16,999,121	679,965	-	(679,965)		
55	2070/71	16,319,156	652,766	-	(652,766)		
56	2071/72	15,666,390	626,656	-	(626,656)		
57	2072/73	15,039,735	601,589	-	(601,589)		
58	2073/74	14,438,145	577,526	-	(577,526)		
59	2074/75	13,860,619	554,425	-	(554,425)		
60	2075/76	13,306,195	532,248	-	(532,248)		
61	2076/77	12,773,947	510,958	-	(510,958)		
62	2077/78	12,262,989	490,520	-	(490,520)		
63	2078/79	11,772,469	470,899	-	(470,899)		
64	2079/80	11,301,571	452,063	-	(452,063)		
65	2080/81	10,849,508	433,980	-	(433,980)		
66	2081/82	10,415,528	416,621	-	(416,621)		
67	2082/83	9,998,906	399,956	-	(399,956)		
68	2083/84	9,598,950	383,958	-	(383,958)		
69	2084/85	9,214,992	368,600	-	(368,600)		
70	2085/86	8,846,392	353,856	-	(353,856)		
71	2086/87	8,492,537	339,701	-	(339,701)		
72	2087/88	8,152,835	326,113	-	(326,113)		
73	2088/89	7,826,722	313,069	-	(313,069)		
74	2089/90	7,513,653	300,546	-	(300,546)		
75	2090/91	7,213,107	288,524	-	(288,524)		
76	2091/92	6,924,583	276,983	-	(276,983)		
77	2092/93	6,647,599	265,904	-	(265,904)		
78	2093/94	6,381,695	255,268	-	(255,268)		
79	2094/95	6,126,428	245,057	-	(245,057)		
80	2095/96	5,881,370	235,255	-	(235,255)		
81	2096/97	5,646,116	225,845	-	(225,845)		
82	2097/98	5,420,271	216,811	-	(216,811)		
83	2098/99	5,203,460	208,138	-	(208,138)		
84	2099/00	4,995,322	199,813	-	(199,813)		
85	2100/01	4,795,509	191,820	-	(191,820)		
86	2101/02	4,603,689	184,148	-	(184,148)		
87	2102/03	4,419,541	176,782	-	(176,782)		
88	2103/04	4,242,759	169,710	-	(169,710)		
89	2104/05	4,073,049	162,922	-	(162,922)		
90	2105/06	3,910,127	156,405	-	(156,405)		
91	2106/07	3,753,722	150,149	-	(150,149)		
92	2107/08	3,603,573	144,143	-	(144,143)		
93	2108/09	3,459,430	138,377	-	(138,377)		
94	2109/10	3,321,053	132,842	-	(132,842)		
95	2110/11	3,188,211	127,528	-	(127,528)		
96	2111/12	3,060,682	122,427	-	(122,427)		
97	2112/13	2,938,255	117,530	-	(117,530)		
98	2113/14	2,820,725	112,829	-	(112,829)		
99	2114/15	2,707,896	108,316	-	(108,316)		
100	2115/16	2,599,580	103,983	-	(103,983)	(16,718,181)	(4,619,906)
	CFR O/S	2,495,597			(2,495,597)	(2,495,597)	(351,364)
	Adj A	1,721,525			(1,721,525)	(1,721,525)	(242,380)
					(0)	(0)	<b>(5,018,986)</b>