

TARIFF MODEL

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Historical analysis

Income statement

	Historical					Five-Year Average (Historical)
	2002	2003	2004	2005	2006	
Operating revenues						
Water Sales	3,856,217	4,161,121	4,290,123	5,484,114	5,917,950	4,741,905
<i>YoY growth</i>	-	7.9%	3.1%	27.8%	7.9%	11.7%
Rebates	(21,062)	(25,221)	(26,292)	(37,850)	(48,502)	(31,785)
Direct Operating Expenses	(2,860,376)	(2,834,131)	(3,454,132)	(3,604,024)	(4,080,525)	(3,366,638)
Operating Profit on Sale of Water	974,779	1,301,769	809,699	1,842,239	1,788,923	1,343,482
<i>YoY growth</i>	-	33.5%	-37.8%	127.5%	-2.9%	30.1%
<i>Margin</i>	25.3%	31.3%	18.9%	33.6%	30.2%	28.3%
Other Operating Income	768,382	727,867	645,046	814,458	1,217,031	834,557
Administration Overheads	(559,113)	(784,536)	(962,239)	(999,274)	(1,354,149)	(931,862)
Other Operating Expenses	(337,054)	(222,553)	(123,243)	(177,411)	(126,495)	(197,351)
Profit/(Loss) before Depreciation	846,994	1,022,547	369,264	1,480,012	1,525,310	1,048,825
<i>YoY growth</i>	-	20.7%	-63.9%	300.8%	3.1%	65.2%
<i>Margin</i>	22.0%	24.6%	8.6%	27.0%	25.8%	22.1%
Depreciation Expense	(734,923)	(743,653)	(752,749)	(1,043,414)	(1,100,007)	(874,949)
Net Profit/(Loss) from Operating Activities	112,070	278,894	(383,485)	436,599	425,303	173,876
<i>Margin</i>	2.9%	6.7%	-8.9%	8.0%	7.2%	3.7%
Financing Charges	(461,258)	(549,670)	(524,941)	(491,504)	(511,983)	(507,871)
Non-Operating Income	210,263	136,474	96,556	32,634	106,496	116,485
Profit/(Loss) before Income Tax	(138,924)	(134,302)	(811,871)	(22,271)	19,816	(217,510)
<i>Margin</i>	-3.6%	-3.2%	-18.9%	-0.4%	0.3%	-4.6%
Tax	-	-	(24,631)	(69,629)	(63,864)	(31,625)
Net Profit/(Loss) for the Year	(138,924)	(134,302)	(836,502)	(91,901)	(44,048)	(249,135)
<i>YoY growth</i>		3.3%	-522.9%	89.0%	52.1%	
<i>Margin</i>	-3.6%	-3.2%	-19.5%	-1.7%	-0.7%	-5.3%

Balance Sheet (BS)

	Historical					Five-Year Average (Historical)
	2002	2003	2004	2005	2006	
Non-Current Assets						
Property, Plant and Equipment	21,303,864	24,648,524	25,418,889	36,767,198	42,181,602	30,064,016
Capital Work in Progress	18,543,103	29,459,505	40,402,494	40,447,570	47,705,858	35,311,706
Investments	554,649	660,170	544,757	143,719	128,700	406,399
	40,401,616	54,768,199	66,366,140	77,358,487	90,016,161	65,782,120
Current Assets						
Inventories	1,929,780	2,113,111	1,891,471	2,150,848	2,230,303	2,063,103
Trade & Other Receivables	2,289,326	3,209,262	3,872,137	4,993,704	5,254,464	3,923,778
Non Operating Assets	294,282	96,172	95,800	192,107	191,487	173,970
Deposits & Advances	3,642,970	3,104,428	2,771,027	3,170,505	4,208,785	3,379,543
Investments	911,887	761,709	969,326	672,617	1,649,873	993,083
Cash & Cash Equivalent	416,050	314,930	28,795	671,719	207,321	327,763
	9,484,294	9,599,611	9,628,556	11,851,500	13,742,234	10,861,239
TOTAL ASSETS	49,885,910	64,367,810	75,994,696	89,209,987	103,758,394	76,643,360
Capital and Reserves						
Assets taken over from Government Dept.	185,480	185,480	185,480	185,480	185,480	185,480
Equity Capital	24,478,841	27,730,446	31,544,560	36,693,497	42,699,756	32,629,420
Foreign Grants	12,787,833	22,878,364	29,976,183	36,338,657	42,740,417	28,944,291
Capital Recovery Fund	623,107	742,033	880,697	1,059,581	1,261,238	913,331
Staff Welfare Fund	9,914	10,238	10,439	11,572	11,732	10,779
Revaluation Reserve	309,763	309,763	309,763	309,763	309,763	309,763
Accumulated Profit / (Loss)	(1,134,186)	(1,387,737)	(2,363,104)	(2,635,022)	(2,880,887)	(2,080,187)
	37,260,753	50,468,587	60,544,019	71,963,528	84,327,499	60,912,877
Non Current Liabilities						
Loans Payable	9,676,880	10,815,759	11,912,504	13,465,733	15,696,987	12,313,573
Other Deferred Liabilities	1,101,482	1,296,942	1,397,312	1,482,443	1,603,640	1,376,364
	10,778,362	12,112,702	13,309,816	14,948,176	17,300,627	13,689,936
Current Liabilities						
Creditors	1,250,134	1,146,747	1,170,472	1,202,776	1,081,162	1,170,258
Loan Capital Payable	222,130	288,609	230,365	572,586	295,283	321,795
Loan Interest Payable	0	0	450,057	90,561	142,185	136,561
Non Operating Liabilities	0	0	0	115,456	115,456	46,182
Other Payables	374,532	351,165	289,966	316,904	496,182	365,750
	1,846,795	1,786,521	2,140,861	2,298,283	2,130,268	2,040,546
TOTAL EQUITY & LIABILITIES	49,885,910	64,367,810	75,994,696	89,209,987	103,758,394	76,643,360

Cash Flow Statement (CFS)

	Historical					Five-Year Average (Historical)
	2002	2003	2004	2005	2006	
Net Profit Before Tax	(138,924)	(134,302)	(811,871)	(22,271)	19,816	(217,510)
Adjustments for						
Interest income	(210,263)	(136,474)	(96,556)	(32,634)	(114,478)	(118,081)
Depreciation	734,923	743,653	752,749	1,043,414	1,100,007	874,949
Profit/Loss on disposal of assets	0	(6,277)	0	(8,378)	0	(2,931)
Deferred Expenditure Amortized	19,370	174,331	0	0	0	38,740
Retiring gratuity provision	269,000	187,058	97,436	75,353	103,982	146,566
Interest expense	461,258	549,670	524,941	491,504	511,983	507,871
Operating Profit Before Working Capital Changes	1,135,364	1,377,659	466,700	1,546,987	1,621,310	1,229,604
(Increase)/Decrease in Inventories	(195,308)	(183,331)	221,639	(259,377)	(79,455)	(99,166)
(Increase)/Decrease in Debtors, Receivables & Deposits	(2,080,576)	(357,614)	(327,772)	(1,503,006)	(1,308,708)	(1,115,535)
Increase/(Decrease) in Creditors & Provisions	246,806	(91,259)	446,037	(253,311)	168,169	103,288
Cash Generated from Operations	(893,714)	745,455	806,604	(468,707)	401,316	118,191
Gratuity Paid	(14,035)	(27,092)	(30,520)	(37,165)	(41,666)	(30,096)
Net Cash from Operating Activities	(907,750)	718,363	776,084	(505,872)	359,650	88,095
Cash Flows from/(used in) Investing Activities						
Investments in Fixed Assets	(6,012,766)	(14,833,283)	(12,402,224)	(11,045,598)	(12,998,048)	(11,458,384)
New Deferred Expenditure	(11,018)	0	0	0	0	(2,204)
Sale Proceeds from Disposal of Assets	0	6,277	0	24,263	0	6,108
(Investment)/Withdrawal of Investments	178,721	44,656	(92,205)	380,692	(962,237)	(90,074)
Net Cash Flows used in Investing Activities	(5,845,063)	(14,782,349)	(12,494,428)	(10,640,642)	(13,960,285)	(11,544,554)
Cash Flows from/(used in) Financing Activities						
Equity Capital During the Period	5,828,011	3,251,605	3,814,114	5,148,936	6,006,260	4,809,785
Foreign Grant during the Period	0	10,090,531	7,097,819	6,362,474	6,401,760	5,990,517
Investment Income	210,263	136,474	80,217	31,524	104,190	112,534
New Loans	1,554,379	1,454,551	1,298,780	1,682,763	2,527,437	1,703,582
Loan Repayment	(250,358)	(247,812)	(346,797)	(304,197)	(573,486)	(344,530)
Taxation	0	0	(24,631)	(69,629)	(63,864)	(31,625)
Loan Interest Paid	(424,712)	(722,483)	(487,294)	(1,062,433)	(1,266,060)	(792,596)
Net Cash Flows used in Financing Activities	6,917,584	13,962,866	11,432,209	11,789,439	13,136,237	11,447,667
Net Increase in Cash & Cash Equivalents	164,771	(101,120)	(286,135)	642,925	(464,398)	(8,791)
Cash & Cash Equivalents at the beginning of the year	251,280	416,051	314,931	28,796	671,720	336,555
Cash & Cash Equivalents at the end of the year	416,051	314,931	28,796	671,720	207,322	327,764

Input Sheet

Assumptions

Connections

Production

O & M

Consumer Category

Balance Sheet Items



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ASSUMPTIONS RELATING TO SUPPLY OF WATER

- 1 Select the forecast period**
 - Period 01
 - Period 02
 - Period 03
 - Period 04
 - Period 05

1 Water Supply Coverage								
	Historical years		5-year Average	Base year	Forecast years			
	2005	2006			2007	2008	2009	2011
Status:	Not updated	Updated						
Projected Population		20,027,644	20,027,644	20,277,921	20,430,200	20,634,502	21,049,256	21,259,749
Total Connections		986,427	986,427	1,105,895	1,173,871	1,276,541	1,437,771	1,500,000
YoY growth		#DIV/0!	#DIV/0!	12.1%	19.0%	15.4%	12.6%	11.2%
Persons per Household		6	6	6	6	6	6	6
Number of Served Population		6,208,570	6,208,570	6,472,935	6,946,268	7,428,421	8,419,702	8,784,119
YoY growth		#DIV/0!	#DIV/0!	4%	12%	15%	13%	11%
% Population Served		31%	31%	32%	34%	36%	40%	41%
YoY growth					7%	6%	5%	3%
2 Number of new connections								
	Historical years		5-year Average	Base year	Forecast years			
	2005	2006			2007	2008	2009	2011
Status:	Updated	Updated						
Domestic	828,873	906,072	844,313	1,015,808	1,078,247	1,172,553	1,320,649	1,377,809
New connections/(disconnections)	0	77,199	19,300	109,736	62,438	94,307	81,212	57,160
YoY growth	0.0%	9.3%	2.3%	12.1%	6.1%	8.7%	6.6%	4.3%
Domestic connections as % to total connec	91.7%	91.9%	91.7%	91.85%	91.85%	91.85%	91.85%	91.85%
Religious and Schools	6,837	7,224	6,914	8,099	8,597	9,349	10,529	10,985
New connections/(disconnections)	0	387	97	875	498	752	647	456
YoY growth	0.0%	5.7%	1.4%	12.1%	6.1%	8.7%	6.6%	4.3%
Large Domestic connections as % to total c	0.8%	0.7%	0.8%	0.73%	0.73%	0.73%	0.73%	0.73%
Garden Taps and Stand Posts	5,405	5,435	5,411	6,093	6,468	7,033	7,922	8,265
New connections/(disconnections)	0	30	8	658	375	566	487	343
YoY growth	0.0%	0.6%	0.1%	12.1%	6.1%	8.7%	6.6%	4.3%
Large Domestic connections as % to total c	0.6%	0.6%	0.6%	0.55%	0.55%	0.55%	0.55%	0.55%

Government Institutions	7,959	8,206	8,008	9,200	9,765	10,619	11,961	12,478	11,210
New connections/(disconnections)	0	247	62	994	565	854	736	518	656
<i>YoY growth</i>	<i>0.0%</i>	<i>3.1%</i>	<i>0.8%</i>	<i>12.1%</i>	<i>6.1%</i>	<i>8.7%</i>	<i>6.6%</i>	<i>4.3%</i>	<i>6.3%</i>
<i>Govt Institutions connections as % to total connections</i>	<i>0.9%</i>	<i>0.8%</i>	<i>0.9%</i>	<i>0.83%</i>	<i>0.83%</i>	<i>0.83%</i>	<i>0.83%</i>	<i>0.83%</i>	<i>0.8%</i>
Commercial and Industrial	55,137	59,447	55,999	66,647	70,743	76,931	86,647	90,397	81,208
New connections/(disconnections)	0	4,310	1,078	7,200	4,097	6,187	5,328	3,750	4,750
<i>YoY growth</i>	<i>0.0%</i>	<i>7.8%</i>	<i>2.0%</i>	<i>12.1%</i>	<i>6.1%</i>	<i>8.7%</i>	<i>6.6%</i>	<i>4.3%</i>	<i>6.3%</i>
<i>Comm and Inds connections as % to total connections</i>	<i>6.1%</i>	<i>6.0%</i>	<i>6.1%</i>	<i>6.0265%</i>	<i>6.0265%</i>	<i>6.0265%</i>	<i>6.0265%</i>	<i>6.0265%</i>	<i>6.0%</i>
Shipping	11	14	12	16	17	18	20	21	19
New connections/(disconnections)	0	3	1	2	1	1	1	1	1
<i>YoY growth</i>	<i>0.0%</i>	<i>27.3%</i>	<i>6.8%</i>	<i>12.1%</i>	<i>6.1%</i>	<i>8.7%</i>	<i>6.6%</i>	<i>4.3%</i>	<i>6.3%</i>
<i>Shipping connections as % to total connections</i>	<i>0.0%</i>	<i>0.0%</i>	<i>0.0%</i>	<i>0.00%</i>	<i>0.00%</i>	<i>0.00%</i>	<i>0.00%</i>	<i>0.00%</i>	<i>0.0%</i>
Browsers	5	29	10	33	35	38	42	44	40
New connections/(disconnections)	0	24	6	4	2	3	3	2	2
<i>YoY growth</i>	<i>0.0%</i>	<i>480.0%</i>	<i>120.0%</i>	<i>12.1%</i>	<i>6.1%</i>	<i>8.7%</i>	<i>6.6%</i>	<i>4.3%</i>	<i>6.3%</i>
<i>Bower connections as % to total connections</i>	<i>0.0%</i>	<i>0.0%</i>	<i>0.0%</i>	<i>0.00%</i>	<i>0.00%</i>	<i>0.00%</i>	<i>0.00%</i>	<i>0.00%</i>	<i>0.0%</i>
Total	904,227	986,427	920,667	1,105,895	1,173,871	1,276,541	1,437,771	1,500,000	1,347,508
<i>YoY growth</i>	<i>0.0%</i>	<i>9.1%</i>	<i>2.3%</i>	<i>12.0%</i>	<i>6.1%</i>	<i>8.7%</i>	<i>6.5%</i>	<i>4.3%</i>	<i>6.3%</i>
Total new connections/(disconnections)	-	82,170	16,434	118,810	67,601	102,105	87,928	61,886	78,387

3 Breakdown of Connections According to Meter Size									
	Historical years		5-year Average	Base year 2007	Forecast years				5-year Average
	2005	2006			2008	2009	2011	2012	
	Status: Updated	Updated							
Domestic	100.0%	100.0%		100.0%	100.0%	100.0%	100.0%	100.0%	
1/2"	89.22%	89.22%	89.2%	89.22%	89.2%	89.2%	89.2%	89.2%	89.2%
3/4"	9.59%	9.59%	9.6%	9.59%	9.6%	9.6%	9.6%	9.6%	9.6%
1" - 2"	1.16%	1.16%	1.2%	1.16%	1.2%	1.2%	1.2%	1.2%	1.2%
2" - 3"	0.01%	0.01%	0.0%	0.01%	0.0%	0.0%	0.0%	0.0%	0.0%
>3"	0.02%	0.02%	0.0%	0.02%	0.0%	0.0%	0.0%	0.0%	0.0%
Religious and Schools	100.0%	100.0%		100.0%	100.0%	100.0%	100.0%	100.0%	
1/2"	63.0%	63.0%	63.0%	63.0%	63.0%	63.0%	63.0%	63.0%	63.0%
3/4"	16.2%	16.2%	16.2%	16.2%	16.2%	16.2%	16.2%	16.2%	16.2%
1" - 2"	18.8%	18.8%	18.8%	18.8%	18.8%	18.8%	18.8%	18.8%	18.8%
2" - 3"	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%
>3"	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%
Garden Taps and Stand Posts	100.0%	100.0%		100.0%	100.0%	100.0%	100.0%	100.0%	
1/2"	92.3%	92.3%	92.3%	92.3%	92.3%	92.3%	92.3%	92.3%	92.3%
3/4"	1.1%	1.1%	1.1%	1.1%	1.1%	1.1%	1.1%	1.1%	1.1%
1" - 2"	6.5%	6.5%	6.5%	6.5%	6.5%	6.5%	6.5%	6.5%	6.5%
2" - 3"	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%
>3"	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Government Institutions	100.0%	100.0%		100.0%	139.0%	139.0%	139.0%	139.0%	
1/2"	41.0%	41.0%	41.0%	41.0%	80.0%	80.0%	80.0%	80.0%	80.0%
3/4"	15.9%	15.9%	15.9%	15.9%	15.9%	15.9%	15.9%	15.9%	15.9%
1" - 2"	30.9%	30.9%	30.9%	30.9%	30.9%	30.9%	30.9%	30.9%	30.9%
2" - 3"	7.5%	7.5%	7.5%	7.5%	7.5%	7.5%	7.5%	7.5%	7.5%
>3"	4.7%	4.7%	4.7%	4.7%	4.7%	4.7%	4.7%	4.7%	4.7%

Commercial and Industrial	100.0%	100.0%		100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
1/2"	66.3%	66.3%	66.3%	66.3%	66.3%	66.3%	66.3%	66.3%	66.3%	66.3%
3/4"	16.1%	16.1%	16.1%	16.1%	16.1%	16.1%	16.1%	16.1%	16.1%	16.1%
1" - 2"	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%
2" - 3"	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%
>3"	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%
Shipping	100.0%	100.0%		100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
1/2"	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
3/4"	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1" - 2"	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2" - 3"	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
>3"	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Bowser	100.0%	100.0%		100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
1/2"	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
3/4"	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1" - 2"	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2" - 3"	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
>3"	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
4 Annual consumption (cbm)										
	Historical years		5-year Average	Base year	Forecast years					5-year Average
	2005	2006		2007	2008	2009	2011	2012		
<i>Status:</i>	Updated	Updated								
Domestic	169,833,407	176,631,092	171,192,944	194,980,243	212,447,841	228,350,098	259,728,113	273,766,344	243,799,147	
Religious and Schools	6,976,695	7,469,081	7,075,172	7,838,673	8,540,912	9,180,221	10,441,692	11,006,063	9,801,310	
Garden Taps and Stand Posts	7,756,068	6,800,380	7,564,930	8,059,557	8,781,584	9,438,908	10,735,926	11,316,200	10,077,498	
Government Institutions	27,694,322	29,077,671	27,970,992	30,394,011	31,036,410	34,608,341	39,429,324	41,391,036	36,623,730	
Commercial and Industrial	34,315,889	35,957,878	34,644,287	39,018,102	42,513,598	45,695,848	51,975,000	54,784,234	48,787,405	
Shipping	130,197	155,389	135,235	173,552	189,099	203,254	231,183	243,679	217,005	
Bow sers	3,037,465	6,272,586	3,684,489	16,277,789	17,736,059	19,063,648	21,683,219	22,855,191	20,353,401	
Total	249,744,043	262,364,077	252,268,050	296,741,926	321,245,504	346,540,318	394,224,459	415,362,747	369,659,496	

5 Average annual consumption per connection (cbm)											
	Historical years		5-year Average	Base year 2007	Forecast years					5-year Average	
	2005	2006			2008	2009	2010	2011	2012		
<i>Status:</i>	Updated	Updated									
Domestic	204.9	194.9	202.9	202.9	202.9	202.9	202.9	202.9	202.9	202.9	
Religious and Schools	1,020.4	1,033.9	1,023.1	1,023.1	1,023.1	1,023.1	1,023.1	1,023.1	1,023.1	1,023.1	
Garden Taps and Stand Posts	1,435.0	1,251.2	1,398.2	1,398.2	1,398.2	1,398.2	1,398.2	1,398.2	1,398.2	1,398.2	
Government Institutions	3,479.6	3,543.5	3,492.4	3,492.4	3,492.4	3,492.4	3,492.4	3,492.4	3,492.4	3,492.4	
Commercial and Industrial	622.4	604.9	618.9	618.9	618.9	618.9	618.9	618.9	618.9	618.9	
Shipping	11,836.1	11,099.2	11,688.7	11,688.7	11,688.7	11,688.7	11,688.7	11,688.7	11,688.7	11,688.7	
Bow sers	607,493.0	216,296.1	529,253.6	529,253.6	529,253.6	529,253.6	529,253.6	529,253.6	529,253.6	529,253.6	
6 Increase/(decrease) in annual consumption											
	Historical years		5-year Average	Base year 2007	Forecast years					5-year Average	
	2005	2006			2008	2009	2010	2011	2012		
<i>Status:</i>	Updated	Updated									
Domestic	0.0%	-4.9%	-1.2%	0.0%	0.0%	-2.4%	0.0%	0.0%	-2.4%	-1.0%	
Religious and Schools	0.0%	1.3%	0.3%	0.0%	0.0%	0.7%	0.0%	0.0%	0.7%	0.3%	
Garden Taps and Stand Posts	0.0%	-12.8%	-3.2%	0.0%	0.0%	-6.4%	0.0%	0.0%	-6.4%	-2.6%	
Government Institutions	0.0%	1.8%	0.5%	0.0%	0.0%	0.9%	0.0%	0.0%	0.9%	0.4%	
Commercial and Industrial	0.0%	-2.8%	-0.7%	0.0%	0.0%	-1.4%	0.0%	0.0%	-1.4%	-0.6%	
Shipping	0.0%	-6.2%	-1.6%	0.0%	0.0%	-3.1%	0.0%	0.0%	-3.1%	-1.2%	
Bow sers	0.0%	-64.4%	-16.1%	0.0%	0.0%	-32.2%	0.0%	0.0%	-32.2%	-12.9%	

7 Non Revenue Water (NRW)										
	Historical years		5-year Average	Base year 2007	Forecast years					5-year Average
	2005	2006			2008	2009	2010	2011	2012	
Status:	Updated	Updated								
Greater Colo	37.2%	37.2%	37.2%	37.2%	34.7%	32.2%	29.7%	27.2%	24.7%	29.7%
YoY change	0.0%	0.0%			-2.5%	-2.5%	-2.5%	-2.5%	-2.5%	
CMC	51.9%	51.9%	51.9%	51.9%	49.4%	46.9%	44.4%	41.9%	39.4%	44.4%
YoY change	0.0%	0.0%			-2.5%	-2.5%	-2.5%	-2.5%	-2.5%	
Outside CMC	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%	25.7%
YoY change	0.0%	0.0%			0.0%	0.0%	0.0%	0.0%	0.0%	
Regions	29.7%	29.7%	29.7%	29.7%	27.2%	24.7%	24.7%	24.7%	24.7%	25.2%
YoY change	0.0%	0.0%			-2.5%	-2.5%	0.0%	0.0%	0.0%	
National average	36.1%	36.1%	36.1%	36.1%	34.2%	32.4%	31.1%	29.9%	28.6%	31.2%
8 Production capacity (000's cbm)										
	Historical years		5-year Average	Base year 2007	Forecast years					5-year Average
	2005	2006			2008	2009	2010	2011	2012	
Status:	Updated	Updated								
Production capacity	2,143,000	2,143,000	2,143,000	2,143,000	2,143,000	2,143,000	2,143,000	2,143,000	2,143,000	2,143,000
YoY change	0.0%	0.0%			0.0%	0.0%	0.0%	0.0%	0.0%	
Annual production	339,945	357,123	343,381	403,918	431,248	458,707	486,347	511,969	534,229	484,500
Utilization	15.9%	16.7%	16.0%	18.8%	20.1%	21.4%	22.7%	23.9%	24.9%	22.6%

9 Staff numbers											
		Select the forecast method from:									
Growth in development staff	1	Annual increase, %									
Growth in operational staff	2	Net additions									
	Historical years		5-year Average	Base year 2007	Forecast years				5-year Average		
	2005	2006			2008	2009	2011	2012			
Status:	Updated	Updated									
<u>Development staff</u>											
1. Annual increase, %					3.1%	3.1%	3.1%	3.1%			
2. Net additions					50	50	50	50			
Number of development staff	1,638	1,638	1,638	1,688	1,738	1,788	1,888	1,938	1,838		
Net additions	0	0	-		50	50	50	50	50		
YoY growth	0.0%	0.0%		3%		2.9%	2.7%	2.6%			
<u>Operational staff</u>											
1. Annual increase, %					6.0%	6.0%	6.0%	6.0%			
2. Net additions					211	667	575	404			
3. Staff/1000 connections	7	7	7	7	7	7	7	7			
Number of operational staff	6,343	6,762	6,427	7,419	7,630	8,298	9,346	9,750	8,759		
Net additions	0	419	105		211	667	575	404	466		
YoY growth	0.0%	6.6%				8.7%	6.6%	4.3%			
Total staff numbers	7,981	8,400	8,065	9,107	9,368	10,086	11,234	11,688	10,597		
YoY growth	0.0%	5.2%				7.7%	5.9%	4.0%			

10 Staffing costs									
	Historical years		5-year Average	Base year 2007	Forecast years				5-year Average
	2005	2006			2008	2009	2011	2012	
	Status: Updated	Updated							
Total salary cost (LKR 000's)	1,599,811	1,749,036	1,629,656	1,912,181	2,045,616	2,290,348	2,759,215	2,985,681	2,517,283
<i>YoY change</i>	0.0%	9.3%			7.0%	12.0%	10.1%	8.2%	
Average monthly staff costs per employee (LKR)	16,704	17,352	16,834	17,497	18,197	18,924	20,469	21,287	19,712
<i>YoY change</i>	0.0%	3.9%	1.0%		4.0%	4.0%	4.0%	4.0%	4.0%
11 Pumping costs									
	Historical years		5-year Average	Base year 2007	Forecast years				5-year Average
	2005	2006			2008	2009	2011	2012	
	Status: Updated	Updated							
Total pumping costs (LKR 000's)	1,217,702	1,343,888	1,242,939	1,596,800	1,790,087	1,999,270	2,460,135	2,695,453	2,234,134
<i>YoY change</i>	0.0%	10.4%			12.1%	11.7%	10.5%	9.6%	
Pumping cost per cbm (LKR)	3.58	3.76	3.62	3.95	4.15	4.36	4.81	5.05	4.59
<i>YoY change</i>	0.0%	5.1%	1.3%		5.0%	5.0%	5.0%	5.0%	5.0%
12 Chemical costs									
	Historical years		5-year Average	Base year 2007	Forecast years				5-year Average
	2005	2006			2008	2009	2011	2012	
	Status: Updated	Updated							
Total chemical costs (LKR 000's)	301,387	316,971	304,504	358,504	401,899	448,864	552,335	605,167	501,594
<i>YoY change</i>	0.0%	5.2%			12.1%	11.7%	10.5%	9.6%	
Chemical cost per cbm (LKR)	0.89	0.89	0.89	0.89	0.93	0.98	1.08	1.13	1.03
<i>YoY change</i>	0.0%	0.1%	0.0%		5.0%	5.0%	5.0%	5.0%	5.0%

13 Repairs and maintenance costs										
	Historical years		5-year Average	Base year 2007	Forecast years				5-year Average	
	2005	2006			2008	2009	2011	2012		
Status:	Updated	Updated								
Repairs and maintenance costs (LKR 000's)	221,269	251,051	227,225	263,456	293,632	335,280	416,333	456,070	374,688	
YoY change	0.0%	13.5%			11.5%	14.2%	11.9%	9.5%		
Repairs and maintenance costs per cor	0.24	0.25	0.25	0.24	0.25	0.26	0.29	0.30	0.28	
YoY change	0.0%	4.0%	4.0%		5.0%	5.0%	5.0%	5.0%	5.0%	
14 Establishment expenses										
	Historical years		5-year Average	Base year 2007	Forecast years				5-year Average	
	2005	2006			2008	2009	2011	2012		
Status:	Updated	Updated								
Establishment expenses (LKR 000's)	122,737	133,801	124,950	138,569	145,498	152,772	168,432	176,853	160,793	
YoY change	0.0%	9.0%			5.0%	5.0%	5.0%	5.0%	5.0%	
15 Other direct operating expenses										
	Historical years		5-year Average	Base year 2007	Forecast years				5-year Average	
	2005	2006			2008	2009	2011	2012		
Status:	Updated	Updated								
Direct exp excluding other direct exp (L	3,462,906	3,794,748	3,529,275	4,269,510	4,676,732	5,226,534	6,356,449	6,919,225	5,788,492	
% to direct expenses	4.08%	4.65%	4.19%		4%	4%	3%	3%		
Other direct expenses (LKR 000's)	141,118	176,442	148,183	178,894	187,838	197,230	217,446	228,319	207,585	
YoY change	0.0%	25.0%	6.26%	4.11%	5.0%	5.0%	5.0%	5.0%	5.00%	
					5.00%	5.00%	5.00%	5.00%	5.00%	

16 Administration overheads									
	Historical years		5-year Average	Base year 2007	Forecast years				5-year Average
	2005	2006			2008	2009	2011	2012	
	Status:	Updated	Updated						
Total direct expenses (LKR 000's)	3,604,024	3,971,189	3,677,457	4,448,404	4,864,570	5,423,764	6,573,895	7,147,543	5,996,077
<i>% to direct expenses</i>	27.73%	34.10%	25.16%		24%	23%	21%	20%	
Administration overheads (LKR 000's)	999,274	1,354,149	931,862	1,119,280	1,175,244	1,234,006	1,360,491	1,428,516	1,298,793
<i>YoY change</i>	3.8%	35.5%	25.58%		5.0%	5.0%	5.0%	5.0%	5.00%
					5.00%	5.00%	5.00%	5.00%	5.00%
17 Depreciation expenses									
[Refer "Fixed Assets" worksheet]									
18 Interest expenses									
[Refer "Loans" worksheet]									
19 Taxation and levies									
[To be updated]									

22 Domestic user group - breakup								
	Forecast years		5-year Average	Forecast years				5-year Average
	2011	2012		2008	2009	2011	2012	
Number of connections	1,280,043	1,349,229	1,201,539	1,047,027	1,125,400	1,280,043	1,349,229	1,201,539
1/2"	89.2%	89.2%	89.2%	934,191	1,004,118	1,142,095	1,203,825	1,072,051
3/4"	9.6%	9.6%	9.6%	100,412	107,929	122,759	129,394	115,231
1" - 2"	1.2%	1.2%	1.2%	12,167	13,078	14,875	15,679	13,963
2" - 3"	0.0%	0.0%	0.0%	83	89	102	107	95
>3"	0.0%	0.0%	0.0%	173	186	212	223	199
	100.0%	100.0%	100.0%	1,047,027	1,125,400	1,280,043	1,349,229	1,201,539
Check:	-	-		-	-	-	-	
Consumption (cbm)	259,728,113	273,766,344	243,799,147	212,447,841	228,350,098	259,728,113	273,766,344	243,799,147
0 - 6	25.0%	25.0%	25.0%	53,111,960	57,087,525	64,932,028	68,441,586	60,949,787
7 - 15	31.0%	31.0%	31.0%	65,858,831	70,788,530	80,515,715	84,867,567	75,577,736
16 - 25	19.0%	19.0%	19.0%	40,365,090	43,386,519	49,348,342	52,015,605	46,321,838
26 - 40	20.0%	20.0%	20.0%	42,489,568	45,670,020	51,945,623	54,753,269	48,759,829
Over 40	5.0%	5.0%	5.0%	10,622,392	11,417,505	12,986,406	13,688,317	12,189,957
	100.0%	100.0%	100.0%	212,447,841	228,350,098	259,728,113	273,766,344	243,799,147
Check:	-	-		-	-	-	-	

23 Meter Service Factor			
	Multiplier		
Domestic/Charitable & Religious / Stand Posts and Garden Taps			
1/2"	1.00		
3/4"	2.80		
1" - 2"	5.60		
2" - 3"	14.00		
>3"	28.00		
Non-Domestic			
1/2"	1.40		
3/4"	2.80		
1" - 2"	5.60		
2" - 3"	14.00		
>3"	28.00		
24 Usage Charge Quantity Block Factor			
	Forecast years		5-year Average
	2011	2012	
Domestic			
0 - 6	0.25	0.25	0.25
7 - 15	0.50	0.50	0.50
16 - 25	1.00	1.00	1.00
26 - 40	2.00	2.00	2.00
Over 40	4.00	4.00	4.00
Religious and Schools	1.00	1.00	1.00
Garden Taps and Stand Posts	1.00	1.00	1.00
Government Institutions	4.00	4.00	4.00
Commercial and Industrial	5.00	5.00	5.00
Shipping	20.00	20.00	20.00
Bow sers	1.00	1.00	1.00

28 Current liabilities (LKR 000's)									
	Historical years		5-year Average	Forecast years				5-year Average	
	2005	2006		2008	2009	2011	2012		
Status:	Updated	Updated							
A. Creditors	1,202,776	1,081,162	1,170,258	1,332,759	1,560,261	2,071,227	2,349,877	1,822,697	
Direct expenses	3,604,024	3,971,189	3,677,457	4,864,570	5,423,764	6,573,895	7,147,543	5,996,077	
Creditor days	121.8	99.4	116.5	100.0	105.0	115.0	120.0	110.0	
B. Non-operating liabilities	115,456	115,456	46,182	-	-	-	-	-	
C. Other payables	316,904	496,182	365,750	411,335	431,902	476,172	499,981	454,577	
Administration overheads	999,274	1,354,149	931,862	1,175,244	1,234,006	1,360,491	1,428,516	1,298,793	
Other payables as a % to admin overheads	31.7%	36.6%	42.0%	35.0%	35.0%	35.0%	35.0%	35.0%	

Input Sheet

Fixed Assets

FIXED ASSETS

	2009	2012	2013	2014
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SUMMARY OF FIXED ASSETS

Opening Balance	45,524,351,028	45,524,351,028	45,524,351,028	45,524,351,028
Turned-over capital works/Additions	-	-	-	-
Disposals/Retirements	-	-	-	-
Net Assets	45,524,351,028	45,524,351,028	45,524,351,028	45,524,351,028
Fully Depreciated Assets	1,544,295,426	1,544,295,426	1,544,295,426	1,544,295,426
Net Assets subject to Depreciation	43,980,055,602	43,980,055,602	43,980,055,602	43,980,055,602
Accumulated Depreciation	12,454,770,153	15,945,526,292	17,013,934,394	18,026,197,624
Depreciation Expense	1,218,657,025	1,068,408,101	1,012,263,230	967,972,694
Cumulative Depreciation	13,673,427,178	17,013,934,394	18,026,197,624	18,994,170,318
Net Book Value	31,850,923,850	28,510,416,634	27,498,153,404	26,530,180,710

CAPITAL WORK IN PROGRESS

Capital work-in-progress

Balance Sheet as at 12/06

Capital work-in-progress	38,164,687	9,541,172	-	-
Transfers to property in service	9,541,172	9,541,172	-	-
Capital Work in Progress, end of year	28,623,515	-	-	-
Fully Depreciated Assets				
Net Assets subject to Depreciation	19,082,343	47,705,858	47,705,858	47,705,858
Accumulated Depreciation	283,827	2,838,271	4,257,406	5,676,541
Depreciation Rate	2.97%	2.97%	2.97%	2.97%
Depreciation Expense	567,654	1,419,135	1,419,135	1,419,135
Cumulative Depreciation	851,481	4,257,406	5,676,541	7,095,676
Net Book Value	18,230,862	43,448,453	42,029,317	40,610,182

Capital work-in-progress: on-going projects

Capital work-in-progress - b/f	16,826,065,954	10,961,576,822	7,673,103,776	5,371,172,643
Add: Loan Availments for the Year	5,364,130,000	-	-	-
Less: Transfers to property in service	5,047,819,786	3,288,473,047	2,301,931,133	1,611,351,793
Net CWIP - on going projects	17,142,376,168	7,673,103,776	5,371,172,643	3,759,820,850
Fully Depreciated Assets	-	-	-	-
Net Assets subject to Depreciation	8,939,663,070	21,768,185,462	24,070,116,595	25,681,468,387
Accumulated Depreciation	115,773,037	1,350,350,956	1,997,902,449	2,713,930,893
Depreciation Rate	2.97%	2.97%	2.97%	2.97%
Depreciation Expense	265,933,611	647,551,494	716,028,443	763,962,308
Cumulative Depreciation	381,706,648	1,997,902,449	2,713,930,893	3,477,893,201
Net Book Value	8,557,956,422	19,770,283,012	21,356,185,702	22,203,575,186

Capital work-in-progress: committed projects

Capital work-in-progress	5,930,109,516	2,039,194,869	1,427,436,408	999,205,486
Add: Loan Availments for the Year	2,359,500	-	-	-
Less: Transfers to property in service	1,779,032,855	611,758,461	428,230,922	299,761,646
Net CWIP - on going projects	4,153,436,161	1,427,436,408	999,205,486	699,443,840
Fully Depreciated Assets	-	-	-	-
Net Assets subject to Depreciation	4,319,497,147	7,050,215,900	7,478,446,822	7,778,208,468
Accumulated Depreciation	75,572,741	561,157,337	770,884,410	993,350,330
Depreciation Rate	2.97%	2.97%	2.97%	2.97%
Depreciation Expense	128,494,717	209,727,074	222,465,920	231,383,113
Cumulative Depreciation	204,067,458	770,884,410	993,350,330	1,224,733,443
Net Book Value	4,115,429,689	6,279,331,490	6,485,096,492	6,553,475,025

Capital work-in-progress: future projects

Capital work-in-progress	-	-	-	-
Add: Loan Availments for the Year	-	-	-	-
Less: Transfers to property in service	-	-	-	-
Net CWIP - on going projects	-	-	-	-
Fully Depreciated Assets	-	-	-	-
Net Assets subject to Depreciation	-	-	-	-
Accumulated Depreciation	-	-	-	-
Depreciation Rate	2.97%	2.97%	2.97%	2.97%
Depreciation Expense	-	-	-	-
Cumulative Depreciation	-	-	-	-
Net Book Value	-	-	-	-

SUMMARY OF TOTAL FIXED ASSETS

Net Assets	66,848,786,872	54,624,891,211	51,894,729,156	49,983,615,718
Fully Depreciated Assets	1,544,295,426	1,544,295,426	1,544,295,426	1,544,295,426
Net Assets subject to Depreciation	57,258,298,162	72,846,162,822	75,576,324,877	77,487,438,316
Accumulated Depreciation	12,646,399,758	17,859,872,855	19,786,978,659	21,739,155,388
Depreciation Expense	1,613,653,007	1,927,105,804	1,952,176,729	1,964,737,250
Cumulative Depreciation	14,260,052,765	19,786,978,659	21,739,155,388	23,703,892,638
Net Book Value	42,998,245,397	53,059,184,163	53,837,169,489	53,783,545,677
	42,998,245,397	53,059,184,163	53,837,169,489	53,783,545,677

SUMMARY OF TOTAL WORK-IN-PROGRESS

Opening balance	22,794,340,157	13,010,312,863	9,100,540,184	6,370,378,129
Additions	5,366,489,500	-	-	-
Transfers to Fixed Assets	6,836,393,813	3,909,772,679	2,730,162,055	1,911,113,439
Closing balance	21,324,435,844	9,100,540,184	6,370,378,129	4,459,264,690

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Input Sheet

Loans Worksheet

National Water Supply and Drainage Board (NWS&DB)
 Tariff Methodology for Water and Sewerage
 Loans Schedule
 LKR

[Quick links:](#)

[Assumptions](#)
[Financial statements](#)
[Tariff summary](#)
[Key performance indicators](#)

	Assumptions	2008	2009	2010	2011
OUTSTANDING LOANS					
SUMMARY - OUTSTANDING LOANS					
Loan balance b/f		13,816,068,115	13,194,685,247	12,546,034,516	11,840,312,779
Capital repayment per annum		621,382,868	648,650,731	705,721,737	692,912,504
Loan balance c/f		13,194,685,247	12,546,034,516	11,840,312,779	11,147,400,275
Average loan amount		13,505,376,681	12,870,359,882	12,193,173,648	11,493,856,527
Loan interest (on opening balance) per annum		1,345,875,473	1,283,117,168	1,216,141,920	1,146,747,823
LOANS RELATING TO ON-GOING PROJECTS					
JBIC Sewage Disposal System for Kandy					
Loan Availments	1,110,510,000	555,255,000	555,255,000		
Loan balance b/f	1,224,337,275	-	583,017,750	1,224,337,275	1,202,960,806
Capital repayment per annum		-	-	21,376,469	23,514,116
Loan balance c/f		583,017,750	1,224,337,275	1,202,960,806	1,179,446,689
Amortisation per annum	143,810,197				
Yrs of amortization / Capitalized Interest During Const.	20	27,762,750	86,064,525	-	-
Loan interest (on opening balance) per annum	10.00%	-	-	122,433,728	120,296,081

2 JICA Improvement WSS Matara Dist

	Assumptions	2008	2009	2010	2011
	415,968,293	415,968,293			
Loan balance b/f	436,766,708	-	436,766,708	429,140,925	420,752,564
Capital repayment per annum		-	7,625,783	8,388,361	9,227,197
Loan balance c/f		436,766,708	429,140,925	420,752,564	411,525,367
Amortisation per annum	51,302,454				
Amortisation period, number of years	20	20,798,415	-	-	-
Loan interest (on opening balance) per annum	10.00%	-	43,676,671	42,914,093	42,075,256

3 ECT Ampara Disrict WSP Stg II

	2,658,500,000	2,658,500,000			
Loan balance b/f	2,791,425,000	-	2,791,425,000	2,742,687,767	2,689,076,811
Capital repayment per annum		-	48,737,233	53,610,956	58,972,052
Loan balance c/f		2,791,425,000	2,742,687,767	2,689,076,811	2,630,104,759
Amortisation per annum	327,879,733				
Amortisation period, number of years	20	132,925,000	-	-	-
Loan interest (on opening balance) per annum	10.00%	-	279,142,500	274,268,777	268,907,681

4 Greater Kurunegala WD

	1,005,500,000	1,005,500,000			
Loan balance b/f	1,055,775,000	-	1,055,775,000	1,037,341,565	1,017,064,786
Capital repayment per annum		-	18,433,435	20,276,779	22,304,457
Loan balance c/f		1,055,775,000	1,037,341,565	1,017,064,786	994,760,329
Amortisation per annum	124,010,935				
Amortisation period, number of years	20	50,275,000	-	-	-
Loan interest (on opening balance) per annum	10.00%	-	105,577,500	103,734,156	101,706,479

5 Austrian Funded Project	Assumptions	2008	2009	2010	2011
	630,000,000	315000000	315000000		
Loan balance b/f	694,575,000	-	330,750,000	694,575,000	682,447,981
Capital repayment per annum		-	-	12,127,019	13,339,721
Loan balance c/f		330,750,000	694,575,000	682,447,981	669,108,260
Amortisation per annum	81,584,519				
Amortisation period, number of years	20	15,750,000	48,825,000	-	-
Loan interest (on opening balance) per annum	10.00%	-	-	69,457,500	68,244,798
6 Greater Galle WSP-Stage II					
	750,000,000	375000000	375000000		
Loan balance b/f	826,875,000	-	393,750,000	826,875,000	812,438,073
Capital repayment per annum		-	-	14,436,927	15,880,620
Loan balance c/f		393,750,000	826,875,000	812,438,073	796,557,453
Amortisation per annum	97,124,427				
Amortisation period, number of years	20	18,750,000	58,125,000	-	-
Loan interest (on opening balance) per annum	10.00%	-	-	82,687,500	81,243,807
7 Kandy South WS (New)					
	2,487,500,000	1,243,750,000	1,243,750,000		
Loan balance b/f	2,742,468,750	-	1,305,937,500	2,742,468,750	2,694,586,275
Capital repayment per annum		-	-	47,882,475	52,670,723
Loan balance c/f		1,305,937,500	2,742,468,750	2,694,586,275	2,641,915,552
Amortisation per annum	322,129,350				
Amortisation period, number of years	20	62,187,500	192,781,250	-	-
Loan interest (on opening balance) per annum	10.00%	-	-	274,246,875	269,458,627

8 Nuwara Eliya District Grp Town

	950,000,000	475,000,000	475,000,000		
Loan balance b/f	1,047,375,000	-	498,750,000	1,047,375,000	1,029,088,226
Capital repayment per annum		-	-	18,286,774	20,115,452
Loan balance c/f		498,750,000	1,047,375,000	1,029,088,226	1,008,972,774
Amortisation per annum	123,024,274				
Amortisation period, number of years	20	23,750,000	73,625,000	-	-
Loan interest (on opening balance) per annum	10.00%	-	-	104,737,500	102,908,823

9 Waste Water Disposal sys for

	Assumptions	2008	2009	2010	2011
	2,804,500,000	701125000	701125000	701125000	701125000
Loan balance b/f	3,416,617,181	-	736,181,250	1,545,980,625	2,436,759,938
Capital repayment per annum		-	-	-	-
Loan balance c/f		736,181,250	1,545,980,625	2,436,759,938	3,416,617,181
Amortisation per annum	401,314,572				
Amortisation period, number of years	20	35,056,250	108,674,375	189,654,313	278,732,244
Loan interest (on opening balance) per annum	10.00%	-	-	-	-

10 Kelani Right Bank (WTP)

	1,957,000,000	0	0	1,957,000,000	
Loan balance b/f	2,054,850,000	-	-	-	2,054,850,000
Capital repayment per annum		-	-	-	35,876,910
Loan balance c/f		-	-	2,054,850,000	2,018,973,090
Amortisation per annum	241,361,910				
Amortisation period, number of years	20	-	-	97,850,000	-
Loan interest (on opening balance) per annum	10.00%	-	-	-	205,485,000

11 Enterprise-wide IT solution Project

	199,000,000	0	199,000,000		
Loan balance b/f	208,950,000	-	-	208,950,000	205,301,811
Capital repayment per annum		-	-	3,648,189	4,013,007
Loan balance c/f		-	208,950,000	205,301,811	201,288,804
Amortisation per annum	24,543,189				
Amortisation period, number of years	20	-	9,950,000	-	-
Loan interest (on opening balance) per annum	10.00%	-	-	20,895,000	20,530,181

12 TSUNAMI

	1,000,000,000	0	1,000,000,000		
Loan balance b/f	1,050,000,000	-	-	1,050,000,000	1,031,667,394
Capital repayment per annum		-	-	18,332,606	20,165,867
Loan balance c/f		-	1,050,000,000	1,031,667,394	1,011,501,527
Amortisation per annum	123,332,606				
Amortisation period, number of years	20	-	50,000,000	-	-
Loan interest (on opening balance) per annum	10.00%	-	-	105,000,000	103,166,739

13 Tsunami France

	500,000,000	0	500,000,000		
Loan balance b/f	525,000,000	-	-	525,000,000	515,833,697
Capital repayment per annum		-	-	9,166,303	10,082,933
Loan balance c/f		-	525,000,000	515,833,697	505,750,764
Amortisation per annum	61,666,303				
Amortisation period, number of years	20	-	25,000,000	-	-
Loan interest (on opening balance) per annum	10.00%	-	-	52,500,000	51,583,370

	Assumptions	2008	2009	2010	2011
SUMMARY - ON-GOING PROJECTS					
	Availments per Annum	7,745,098,293	5,364,130,000	2,658,125,000	701,125,000
Loan balance b/f		-	8,132,353,208	14,074,731,907	16,792,828,360
Capital repayment per annum		-	74,796,451	227,532,859	286,163,055
Loan balance c/f		8,132,353,208	14,074,731,907	16,792,828,360	17,486,522,548
	Capitalized Interest During the Year	387,254,915	653,045,150	287,504,313	278,732,244
Loan interest (on opening balance) per annum		-	428,396,671	1,252,875,128	1,435,606,842

LOANS RELATING TO COMMITTED PROJECTS

SUMMARY - COMMITTED PROJECTS

	Assumptions	2008	2009	2010	2011
Loan balance b/f		-	2,359,500	4,719,000	7,078,500
Disbursements		2,359,500	2,359,500	2,359,500	2,359,500
Capital repayment per annum		-	-	-	-
Loan balance c/f		2,359,500	4,719,000	7,078,500	9,438,000
Average loan amount		-	-	-	-
Loan interest (on opening balance) per annum		106,250	235,950	471,900	707,850

FUTURE LOANS

SUMMARY - FUTURE LOANS

Loan balance b/f	-	-	-	-
Disbursements	-	-	-	-
Capital repayment per annum	-	-	-	-
Loan balance c/f	-	-	-	-
Loan interest (on opening balance) per annum	-	-	-	-

SUMMARY - ALL LOANS

Loan balance b/f	13,816,068,115	21,329,397,955	26,625,485,423	28,640,219,639
Disbursements	8,134,712,708	6,019,534,650	2,947,988,813	982,216,744
Capital repayment per annum	621,382,868	723,447,182	933,254,596	979,075,559
Loan balance c/f	21,329,397,955	26,625,485,423	28,640,219,639	28,643,360,823
Additions	-	-	-	-
Loan balance c/f	21,329,397,955	26,625,485,423	28,640,219,639	28,643,360,823
CHECK	-	-	-	-
Loan interest (on opening balance) per annum	1,345,981,723	1,711,749,789	2,469,488,948	2,583,062,515

Worksheets

Tariff Computation
Fixed Charge
Usage Charge

Tariff by Customer Category

REVENUE REQUIREMENTS & TARIFF COMPUTATION

1 Expenses to be recovered from Fixed Charge (LKR 000's)

	Forecast years		2-year Average	Forecast years			3-year Average	5-year Average
	2008	2009		2010	2011	2012		
Administration overheads	1,175,244	1,234,006	1,204,625	1,295,706	1,360,491	1,428,516	1,361,571	1,298,793
TOTAL	1,175,244	1,234,006	1,204,625	1,295,706	1,360,491	1,428,516	1,361,571	1,298,793

2 Total number of equivalent connections

	Forecast years		2-year Average	Forecast years			3-year Average	5-year Average
	2008	2009		2010	2011	2012		
Domestic								
1/2"	934,191	1,004,118	969,154	1,076,027	1,142,095	1,203,825	1,140,649	1,072,051
3/4"	281,155	314,862	298,008	323,842	343,726	362,304	343,291	325,178
1" - 2"	68,137	76,306	72,221	78,482	83,301	87,803	83,195	78,806
2" - 3"	1,164	1,304	1,234	1,341	1,424	1,500	1,422	1,347
>3"	4,852	5,433	5,143	5,588	5,931	6,252	5,924	5,611
Religious and Schools								
1/2"	5,259	5,653	5,456	6,058	6,430	6,777	6,421	6,035
3/4"	3,782	4,066	3,924	4,357	4,624	4,874	4,618	4,341
1" - 2"	8,777	9,434	9,105	10,109	10,730	11,310	10,716	10,072
2" - 3"	826	888	857	952	1,010	1,065	1,009	948
>3"	3,121	3,355	3,238	3,595	3,816	4,022	3,811	3,582

Garden Taps and Stand Posts									
1/2"		5,798	6,232	6,015	6,679	7,089	7,472	7,080	6,654
3/4"		191	205	198	220	233	246	233	219
1" - 2"		2,288	2,459	2,373	2,635	2,797	2,948	2,793	2,625
2" - 3"		79	85	82	91	97	102	97	91
>3"		-	-	-	-	-	-	-	-
Government Institutions									
1/2"		10,620	11,415	11,018	12,233	12,984	13,686	12,968	12,188
3/4"		4,219	4,535	4,377	4,860	5,158	5,437	5,151	4,842
1" - 2"		16,431	17,660	17,046	18,925	20,087	21,173	20,062	18,855
2" - 3"		9,898	10,639	10,268	11,401	12,101	12,755	12,085	11,359
>3"		12,496	13,432	12,964	14,393	15,277	16,103	15,258	14,340
Commercial and Industrial									
1/2"		63,794	68,569	66,182	73,480	77,991	82,207	77,893	73,208
3/4"		30,941	33,257	32,099	35,639	37,827	39,872	37,779	35,507
1" - 2"		64,750	69,596	67,173	74,580	79,160	83,438	79,059	74,305
2" - 3"		4,181	4,494	4,338	4,816	5,112	5,388	5,105	4,798
>3"		6,059	6,512	6,285	6,978	7,407	7,807	7,397	6,953
Shipping									
1/2"		23	24	23	26	28	29	28	26
>3"		-	-	-	-	-	-	-	-
TOTAL		1,543,032	1,674,534	1,608,783	1,777,308	1,886,434	1,988,395	1,884,046	1,773,941
Monthly Fixed Charge per connection		63.47	61.41	62.40	60.75	60.10	59.87	60.22	61.01

3		Expenses to be recovered from Usage Charge (LKR 000's)							
		Forecast years		2-year Average	Forecast years			3-year Average	5-year Average
		2008	2009		2010	2011	2012		
<u>Expenses</u>									
Rebates		50,908	58,318	54,613	68,001	73,000	79,078	73,360	65,861
Personnel costs		2,045,616	2,290,348	2,167,982	2,505,553	2,759,215	2,985,681	2,750,150	2,517,283
Pumping costs		1,790,087	1,999,270	1,894,678	2,225,726	2,460,135	2,695,453	2,460,438	2,234,134
Chemical costs		401,899	448,864	425,382	499,706	552,335	605,167	552,403	501,594
Repairs and maintenance costs		293,632	335,280	314,456	372,125	416,333	456,070	414,843	374,688
Establishment costs		145,498	152,772	149,135	160,411	168,432	176,853	168,565	160,793
Other direct expenses		187,838	197,230	192,534	207,092	217,446	228,319	217,619	207,585
Depreciation expenses		1,415,945	1,613,653	1,514,799	1,780,396	1,819,424	1,927,106	1,842,309	1,711,305
Other operating expenses		145,937	154,577	150,257	161,654	169,089	174,652	168,465	161,182
Interest costs		1,345,982	1,711,750	1,528,866	2,469,489	2,583,063	2,824,151	2,625,567	2,186,887
Taxation and levies				-					
Expenses before Rebates & Taxes		7,772,434	8,903,744	8,338,089	10,382,152	11,145,470	12,073,451	11,200,358	11,473,093
<u>Income</u>									
Operating income		(875,623)	(976,278)	(925,950)	(1,074,710)	(1,183,301)	(1,286,558)	(1,181,523)	(1,079,294)
TOTAL		6,947,719	7,985,784	7,466,752	9,375,443	10,035,169	10,865,972	10,092,195	9,042,017

TARIFF COMPUTATION									
4	Total equivalent volume (cbm)	Forecast years		2-year Average	Forecast years			3-year Average	5-year Average
		2008	2009		2010	2011	2012		
Domestic									
0 - 6		13,277,990	14,271,881	13,774,936	15,293,959	16,233,007	17,110,397	16,212,454	15,237,447
7 - 15		32,929,415	35,394,265	34,161,840	37,929,018	40,257,858	42,433,783	40,206,886	37,788,868
16 - 25		40,365,090	43,386,519	41,875,804	46,493,635	49,348,342	52,015,605	49,285,861	46,321,838
26 - 40		84,979,136	91,340,039	88,159,588	97,881,336	103,891,245	109,506,538	103,759,706	97,519,659
Over 40		42,489,568	45,670,020	44,079,794	48,940,668	51,945,623	54,753,269	51,879,853	48,759,829
Religious and Schools		8,540,912	9,180,221	8,860,566	9,837,660	10,441,692	11,006,063	10,428,472	9,801,310
Garden Taps and Stand Posts		8,781,584	9,438,908	9,110,246	10,114,873	10,735,926	11,316,200	10,722,333	10,077,498
Government Institutions		124,145,641	138,433,365	131,289,503	146,614,146	157,717,298	165,564,143	156,631,862	146,494,918
Commercial and Industrial		212,567,989	228,479,240	220,523,615	244,841,731	259,875,001	273,921,171	259,545,967	243,937,026
Shipping		3,781,988	4,065,079	3,923,533	4,356,199	4,623,669	4,873,577	4,617,815	4,340,102
Bow sers		17,736,059	19,063,648	18,399,853	20,428,887	21,683,219	22,855,191	21,655,766	20,353,401
TOTAL		589,595,373	638,723,184	614,159,279	682,732,111	726,752,879	765,355,936	724,946,975	680,631,897
<i>Usage Charge per equivalent cbm</i>		11.78	12.50	12.16	13.73	13.81	14.20	13.92	13.28

5 Charges per connection type								
	Forecast years		2-year Average	Forecast years			3-year Average	5-year Average
	2008	2009		2010	2011	2012		
Usage charge per unit (LKR)								
Domestic								
0 - 6	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
7 - 15	6.00	6.00	6.00	7.00	7.00	7.00	7.00	6.60
16 - 25	12.00	12.00	12.00	14.00	14.00	14.00	14.00	13.20
26 - 40	24.00	24.00	24.00	28.00	28.00	28.00	28.00	26.40
Over 40	49.00	49.00	49.00	56.00	56.00	56.00	56.00	53.20
Religious and Schools	12.00	12.00	12.00	14.00	14.00	14.00	14.00	13.20
Garden Taps and Stand Posts	12.00	12.00	12.00	14.00	14.00	14.00	14.00	13.20
Government Institutions	49.00	49.00	49.00	56.00	56.00	56.00	56.00	53.20
Commercial and Industrial	61.00	61.00	61.00	70.00	70.00	70.00	70.00	66.40
Shipping	243.00	243.00	243.00	278.00	278.00	278.00	278.00	264.00
Bow sers	12.00	12.00	12.00	14.00	14.00	14.00	14.00	13.20
Fixed charge per connection (LKR)								
Domestic								
1/2"	62.00	62.00	62.00	60.00	60.00	60.00	60.00	60.80
3/4"	175.00	175.00	175.00	169.00	169.00	169.00	169.00	171.40
1" - 2"	349.00	349.00	349.00	337.00	337.00	337.00	337.00	341.80
2" - 3"	874.00	874.00	874.00	843.00	843.00	843.00	843.00	855.40
>3"	1,747.00	1,747.00	1,747.00	1,686.00	1,686.00	1,686.00	1,686.00	1,710.40

Religious and Schools									
1/2"		62.00	62.00	62.00	60.00	60.00	60.00	60.00	60.80
3/4"		175.00	175.00	175.00	169.00	169.00	169.00	169.00	171.40
1" - 2"		349.00	349.00	349.00	337.00	337.00	337.00	337.00	341.80
2" - 3"		874.00	874.00	874.00	843.00	843.00	843.00	843.00	855.40
>3"		1,747.00	1,747.00	1,747.00	1,686.00	1,686.00	1,686.00	1,686.00	1,710.40
Garden Taps and Stand Posts									
1/2"		62.00	62.00	62.00	60.00	60.00	60.00	60.00	60.80
3/4"		175.00	175.00	175.00	169.00	169.00	169.00	169.00	171.40
1" - 2"		349.00	349.00	349.00	337.00	337.00	337.00	337.00	341.80
2" - 3"		874.00	874.00	874.00	843.00	843.00	843.00	843.00	855.40
>3"		1,747.00	1,747.00	1,747.00	1,686.00	1,686.00	1,686.00	1,686.00	1,710.40
Government Institutions									
1/2"		87.00	87.00	87.00	84.00	84.00	84.00	84.00	85.20
3/4"		175.00	175.00	175.00	169.00	169.00	169.00	169.00	171.40
1" - 2"		349.00	349.00	349.00	337.00	337.00	337.00	337.00	341.80
2" - 3"		874.00	874.00	874.00	843.00	843.00	843.00	843.00	855.40
>3"		1,747.00	1,747.00	1,747.00	1,686.00	1,686.00	1,686.00	1,686.00	1,710.40
Commercial and Industrial									
1/2"		87.00	87.00	87.00	84.00	84.00	84.00	84.00	85.20
3/4"		175.00	175.00	175.00	169.00	169.00	169.00	169.00	171.40
1" - 2"		349.00	349.00	349.00	337.00	337.00	337.00	337.00	341.80
2" - 3"		874.00	874.00	874.00	843.00	843.00	843.00	843.00	855.40
>3"		1,747.00	1,747.00	1,747.00	1,686.00	1,686.00	1,686.00	1,686.00	1,710.40
Shipping									
1/2"		87.00	87.00	87.00	84.00	84.00	84.00	84.00	85.20
3/4"		175.00	175.00	175.00	169.00	169.00	169.00	169.00	171.40
1" - 2"		349.00	349.00	349.00	337.00	337.00	337.00	337.00	341.80
2" - 3"		874.00	874.00	874.00	843.00	843.00	843.00	843.00	855.40
>3"		1,747.00	1,747.00	1,747.00	1,686.00	1,686.00	1,686.00	1,686.00	1,710.40
Bowser									
1/2"		87.00	87.00	87.00	84.00	84.00	84.00	84.00	85.20
3/4"		175.00	175.00	175.00	169.00	169.00	169.00	169.00	171.40
1" - 2"		349.00	349.00	349.00	337.00	337.00	337.00	337.00	341.80
2" - 3"		874.00	874.00	874.00	843.00	843.00	843.00	843.00	855.40
>3"		1,747.00	1,747.00	1,747.00	1,686.00	1,686.00	1,686.00	1,686.00	1,710.40

6 Revenue estimates (LKR)

	Forecast years					5-year Average
	2008	2009	2010	2011	2012	
Domestic						
Fixed Charge	961,365,879	2,212,712,452	2,371,175,369	2,903,760,305	1,198,174,163	1,929,437,633
Usage Charge	2,579,116,791	2,772,170,192	2,970,698,553	3,630,999,022	3,827,253,491	3,156,047,610
	3,540,482,669	4,984,882,644	5,341,873,922	6,002,174,391	6,731,013,796	5,085,485,243
Religious and Schools						
Fixed Charge	16,754,499	18,219,900	19,259,183	19,823,942	20,681,950	18,947,895
Usage Charge	102,490,945	110,162,651	137,727,246	146,183,692	154,084,879	130,129,883
	119,245,444	128,382,551	156,986,429	165,442,875	173,908,821	149,077,777
Garden Taps and Stand Posts						
Fixed Charge	6,412,808	6,973,692	7,371,479	7,595,920	7,924,682	7,255,716
Usage Charge	105,379,012	113,266,897	141,608,228	150,302,966	158,426,798	133,796,780
	111,791,820	120,240,589	148,979,707	157,674,445	166,022,719	141,052,496
Government Institutions						
Fixed Charge	41,339,809	44,955,518	47,519,830	48,875,485	50,990,886	46,736,306
Usage Charge	1,520,784,105	1,695,808,717	2,052,598,038	2,208,042,170	2,317,898,004	1,959,026,207
	1,562,123,914	1,740,764,235	2,100,117,868	2,255,562,000	2,366,773,489	2,005,762,512
Commercial and Industrial						
Fixed Charge	130,652,830	142,080,135	150,184,541	154,512,483	161,200,003	147,725,998
Usage Charge	2,593,329,471	2,787,446,728	3,427,784,230	3,638,250,008	3,834,896,390	3,256,341,365
	2,723,982,301	2,929,526,863	3,577,968,771	3,788,434,549	3,989,408,873	3,404,067,364
Shipping						
Fixed Charge	17,393	18,915	19,994	20,569	21,459	19,666
Usage Charge	45,951,151	49,390,710	60,551,163	64,269,001	67,742,723	57,580,950
	45,968,544	49,409,625	60,571,157	64,288,995	67,763,292	57,600,616
Browsers						
Fixed Charge	723,482	786,760	831,637	855,188	892,202	817,854
Usage Charge	212,832,706	228,763,771	286,004,411	303,565,068	319,972,674	270,227,726
	213,556,187	229,550,531	286,836,049	304,396,705	320,827,862	271,045,580
Revenue from fixed charges	1,157,266,699	2,425,747,371	2,596,362,033	3,135,443,892	1,439,885,345	2,150,941,068
Revenue from usage charges	7,159,884,180	7,757,009,667	9,076,971,869	10,141,611,927	10,680,274,958	8,963,150,520
TOTAL REVENUE	8,317,150,879	10,182,757,037	11,673,333,902	13,277,055,819	12,120,160,303	11,114,091,588

Output Sheets

Tariff Summary
Financial Statements

National Water Supply and Drainage Board (NWS&DB)
Tariff Methodology for Water and Sewerage
Tariff Summary

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[Key performance indicators](#)

		Historical			Forecasts				
		2004	2005	2006	2008	2009	2010	2011	2012
USAGE CHARGE (LKR)									
Domestic									
0 - 6					3.00	3.00	3.00	3.00	3.00
7 - 15					6.00	6.00	7.00	7.00	7.00
16 - 25					12.00	12.00	14.00	14.00	14.00
26 - 40					24.00	24.00	28.00	28.00	28.00
Over 40					49.00	49.00	56.00	56.00	56.00
Religious and Schools					12.00	12.00	14.00	14.00	14.00
Garden Taps and Stand Posts					12.00	12.00	14.00	14.00	14.00
Government Institutions					49.00	49.00	56.00	56.00	56.00
Commercial and Industrial					61.00	61.00	70.00	70.00	70.00
Shipping					243.00	243.00	278.00	278.00	278.00
Bow sers					12.00	12.00	14.00	14.00	14.00

FIXED CHARGE (LKR)									
	Historical			Forecasts					
	2004	2005	2006	2008	2009	2010	2011	2012	
Domestic									
1/2"				62.00	62.00	60.00	60.00	60.00	
3/4"				175.00	175.00	169.00	169.00	169.00	
1" - 2"				349.00	349.00	337.00	337.00	337.00	
2" - 3"				874.00	874.00	843.00	843.00	843.00	
>3"				1,747.00	1,747.00	1,686.00	1,686.00	1,686.00	
Religious and Schools									
1/2"				62.00	62.00	60.00	60.00	60.00	
1" - 2"				175.00	175.00	169.00	169.00	169.00	
Garden Taps and Stand Posts									
1/2"				62.00	62.00	60.00	60.00	60.00	
1" - 2"				175.00	175.00	169.00	169.00	169.00	
Government Institutions									
1/2"				87.00	87.00	84.00	84.00	84.00	
1" - 2"				175.00	175.00	169.00	169.00	169.00	
Commercial and Industrial									
1/2"				87.00	87.00	84.00	84.00	84.00	
1" - 2"				175.00	175.00	169.00	169.00	169.00	
Shipping									
1/2"				87.00	87.00	84.00	84.00	84.00	
1" - 2"				175.00	175.00	169.00	169.00	169.00	
Bowser									
1/2"				87.00	87.00	84.00	84.00	84.00	
1" - 2"				175.00	175.00	169.00	169.00	169.00	

National Water Supply and Drainage Board (NWS&DB)

Forecast Financial Statements

LKR 000's

Income Statement (IS)

	Historical			Forecasts	
	2002	2005	2006	2008	2012
Operating revenues					
Water Sales	3,856,217	5,484,114	5,917,950	8,317,151	12,120,160
<i>YoY growth</i>	-	27.8%	7.9%	<i>n/a</i>	-8.7%
Rebates	(21,062)	(37,850)	(48,502)	(50,908)	(79,078)
Direct Operating Expenses	(2,860,376)	(3,604,024)	(4,080,525)	(4,864,570)	(7,147,543)
Operating Profit on Sale of Water	974,779	1,842,239	1,788,923	3,401,673	4,893,539
<i>YoY growth</i>	-	127.5%	-2.9%	<i>n/a</i>	-26.2%
<i>Margin</i>	25.3%	33.6%	30.2%	40.9%	40.4%
Other Operating Income	768,382	814,458	1,217,031	875,623	1,286,558
Administration Overheads	(559,113)	(999,274)	(1,354,149)	(1,175,244)	(1,360,491)
Other Operating Expenses	(337,054)	(177,411)	(126,495)	(145,937)	(174,652)
Profit/(Loss) before Depreciation	846,994	1,480,012	1,525,310	2,956,115	4,644,954
<i>YoY growth</i>	-	300.8%	3.1%	<i>n/a</i>	-26.8%
<i>Margin</i>	22.0%	27.0%	25.8%	35.5%	38.3%
Depreciation Expense	(734,923)	(1,043,414)	(1,100,007)	(1,415,945)	(1,819,424)
Net Profit/(Loss) from Operating Activities	112,070	436,599	425,303	1,540,170	2,825,530
<i>Margin</i>	2.9%	8.0%	7.2%	18.5%	23.3%
Financing Charges	(461,258)	(491,504)	(511,983)	(1,345,982)	(2,583,063)
Non-Operating Income	210,263	32,634	106,496	109,231	112,093
Profit/(Loss) before Income Tax	(138,924)	(22,271)	19,816	303,420	354,560
<i>Margin</i>	-3.6%	-0.4%	0.3%	3.6%	2.9%
Tax	0	(69,629)	(63,864)		
Net Profit/(Loss) for the Year	(138,924)	(91,901)	(44,048)	303,420	354,560
<i>Margin</i>	-3.6%	-1.7%	-0.7%	3.6%	2.9%

Balance Sheet (BS)

	Historical			Forecasts	
	2002	2005	2006	2008	2012
Non-Current Assets					
Property, Plant and Equipment	21,303,864	36,767,198	42,181,602	37,775,505	53,059,184
Capital Work in Progress	18,543,103	40,447,570	47,705,858	22,794,340	9,100,540
Investments	554,649	143,719	128,700	128,700	128,700
	40,401,616	77,358,487	90,016,161	60,698,544	62,288,424
Current Assets					
Inventories	1,929,780	2,150,848	2,230,303	2,820,766	4,303,905
Trade & Other Receivables	2,289,326	4,993,704	5,254,464	6,836,014	8,633,539
Non Operating Assets	294,282	192,107	191,487	176,287	214,277
Deposits & Advances	3,642,970	3,170,505	4,208,785	4,378,113	6,432,789
Investments	911,887	672,617	1,649,873	1,649,873	1,649,873
Cash & Cash Equivalents	416,050	671,719	207,321		
	9,484,294	11,851,500	13,742,234	15,861,054	21,234,383
TOTAL ASSETS	49,885,910	89,209,987	103,758,394	76,559,598	83,522,807
Capital and Reserves					
Assets taken over from Government Dept.	185,480	185,480	185,480	185,480	185,480
Equity Capital	24,478,841	36,693,497	42,699,756		
Foreign Grants	12,787,833	36,338,657	42,740,417		
Capital Recovery Fund	623,107	1,059,581	1,261,238		
Staff Welfare Fund	9,914	11,572	11,732		
Revaluation Reserve	309,763	309,763	309,763	309,763	309,763
Accumulated Profit / (Loss)	(1,134,186)	(2,635,022)	(2,880,887)		
	37,260,753	71,963,528	84,327,499	495,244	495,244
Non Current Liabilities					
Loans Payable	9,676,880	13,465,733	15,696,987	20,605,951	26,342,829
Other Deferred Liabilities	1,101,482	1,482,443	1,603,640		
	10,778,362	14,948,176	17,300,627	20,605,951	26,342,829
Current Liabilities					
Creditors	1,250,134	1,202,776	1,081,162	1,332,759	2,349,877
Loan Capital Payable	222,130	572,586	295,283	723,447	1,168,512
Loan Interest Payable	0	90,561	142,185	1,692,237	2,711,340
Non Operating Liabilities	0	115,456	115,456	115,456	115,456
Other Payables	374,532	316,904	496,182	411,335	499,981
	1,846,795	2,298,283	2,130,268	4,275,234	6,845,165
TOTAL EQUITY & LIABILITIES	49,885,910	89,209,987	103,758,394	25,376,428	33,683,238

Cash Flow Statement (CFS)

	Historical			Forecasts	
	2002	2005	2006	2008	2012
Net Profit Before Tax	(138,924)	(22,271)	19,816	303,420	354,560
Adjustments for					
Interest income	(210,263)	(32,634)	(114,478)		
Depreciation	734,923	1,043,414	1,100,007	1,415,945	1,819,424
Profit/Loss on disposal of assets	0	(8,378)	0		
Deferred Expenditure Amortized	19,370	0	0		
Retiring gratuity provision	269,000	75,353	103,982		
Interest expense	461,258	491,504	511,983	1,345,982	2,583,063
Operating Profit Before Working Capital Changes	1,135,364	1,546,987	1,621,310	3,065,346	4,757,046
(Increase)/Decrease in Inventories	(195,308)	(259,377)	(79,455)		
(Increase)/Decrease in Debtors, Receivables & Deposits	(2,080,576)	(1,503,006)	(1,308,708)		
Increase/(Decrease) in Creditors & Provisions	246,806	(253,311)	168,169		
Cash Generated from Operations	(893,714)	(468,707)	401,316	3,065,346	4,757,046
Gratuity Paid	(14,035)	(37,165)	(41,666)		
Net Cash from Operating Activities	(907,750)	(505,872)	359,650	3,065,346	4,757,046
Cash Flows from/(used in) Investing Activities					
Investments in Fixed Assets	(6,012,766)	(11,045,598)	(12,998,048)		
New Deferred Expenditure	(11,018)	0	0		
Sale Proceeds from Disposal of Assets	0	24,263	0		
(Investment)/Withdrawal of Investments	178,721	380,692	(962,237)		
Net Cash Flows used in Investing Activities	(5,845,063)	(10,640,642)	(13,960,285)		
Cash Flows from/(used in) Financing Activities					
Equity Capital During the Period	5,828,011	5,148,936	6,006,260		
Foreign Grant during the Period	0	6,362,474	6,401,760		
Investment Income	210,263	31,524	104,190		
New Loans	1,554,379	1,682,763	2,527,437		
Loan Repayment	(250,358)	(304,197)	(573,486)	(621,383)	(1,132,020)
Taxation	0	(69,629)	(63,864)		
Loan Interest Paid	(424,712)	(1,062,433)	(1,266,060)	(1,345,982)	(2,824,151)
Net Cash Flows used in Financing Activities	6,917,584	11,789,439	13,136,237	(1,967,365)	(3,956,171)
Net Increase in Cash & Cash Equivalents	164,771	642,925	(464,398)	1,097,982	800,875
Cash & Cash Equivalents at the beginning of the year	251,280	28,796	671,720		
Cash & Cash Equivalents at the end of the year	416,051	671,720	207,322		

Control Sheets

Key Performance Indicators
