

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	2012
OUTSTANDING LOANS						
1 IDA 1700						
Loan balance b/f	455,175,810	455,175,810	418,761,715	382,347,620	345,933,525	309,519,430
Capital repayment per annum	36,414,095	36,414,095	36,414,095	36,414,095	36,414,095	36,414,095
Loan balance c/f		418,761,715	382,347,620	345,933,525	309,519,430	273,105,335
Average loan amount		436,968,763	400,554,668	364,140,573	327,726,478	291,312,383
Loan interest (on opening balance) per annum	10.0%	43,696,876	40,055,467	36,414,057	32,772,648	29,131,238
2 ADB PROJECT 1						
Loan balance b/f	584,885,903	584,885,903	538,095,031	491,304,159	444,513,287	397,722,415
Capital repayment per annum	46,790,872	46,790,872	46,790,872	46,790,872	46,790,872	46,790,872
Loan balance c/f		538,095,031	491,304,159	444,513,287	397,722,415	350,931,543
Average loan amount		561,490,467	514,699,595	467,908,723	421,117,851	374,326,979
Loan interest (on opening balance) per annum	10.0%	56,110,646	51,434,759	46,758,872	42,082,985	37,407,098
3 ODA - HILL COUNTRY						
Loan balance b/f	27,847,166	27,847,166	24,115,027	20,382,888	16,650,749	12,918,610
Capital repayment per annum	3,732,139	3,732,139	3,732,139	3,732,139	3,732,139	3,732,139
Loan balance c/f		24,115,027	20,382,888	16,650,749	12,918,610	9,186,471
Average loan amount		25,981,097	22,248,958	18,516,819	14,784,680	11,052,541
Loan interest (on opening balance) per annum	10.0%	2,596,333	2,223,374	1,850,415	1,477,457	1,104,498

4 OECF - TOWNS EAST W.S.P.

Loan balance b/f	335,411,202	335,411,202	308,578,306	281,745,410	254,912,514	228,079,618
Capital repayment per annum	26,832,896	26,832,896	26,832,896	26,832,896	26,832,896	26,832,896
Loan balance c/f		308,578,306	281,745,410	254,912,514	228,079,618	201,246,722
Average loan amount		321,994,754	295,161,858	268,328,962	241,496,066	214,663,170
Loan interest (on opening balance) per annum	10.0%	32,177,454	29,496,000	26,814,545	24,133,091	21,451,636

5 IDA - COLOMBO SEWERAGE & AMBATALE W.S.

Loan balance b/f	-	-	-	-	-	-
Capital repayment per annum	-	-	-	-	-	-
Loan balance c/f		-	-	-	-	-
Average loan amount		-	-	-	-	-
Loan interest (on opening balance) per annum	0.0%	-	-	-	-	-

6 USAID - INSTITUTIONAL DEVELOPMENT

Loan balance b/f	31,474,857	31,474,857	27,977,652	24,480,447	20,983,242	17,486,037
Capital repayment per annum	3,497,205	3,497,205	3,497,205	3,497,205	3,497,205	3,497,205
Loan balance c/f		27,977,652	24,480,447	20,983,242	17,486,037	13,988,832
Average loan amount		29,726,255	26,229,050	22,731,845	19,234,640	15,737,435
Loan interest (on opening balance) per annum	2.0%	594,525	524,581	454,637	384,693	314,749

7 FRENCH-TRINCO

Loan balance b/f	30,864,031	30,864,031	20,576,019	10,288,007	-	-
Capital repayment per annum	10,288,012	10,288,012	10,288,012	10,288,007	-	-
Loan balance c/f		20,576,019	10,288,007	-	-	-
Average loan amount		25,720,025	15,432,013	5,144,004	-	-
Loan interest (on opening balance) per annum	6.0%	1,543,202	925,921	308,640	-	-

8 FRENCH-NEGOMBO I

Loan balance b/f	7,563,698	7,563,698	5,042,467	2,521,236	5	-
Capital repayment per annum	2,521,231	2,521,231	2,521,231	2,521,231	5	-
Loan balance c/f		5,042,467	2,521,236	5	-	-
Average loan amount		6,303,083	3,781,852	1,260,621	3	-
Loan interest (on opening balance) per annum	10.0%	630,308	378,185	126,062	0	-

9 FRENCH-NEGOMBO II

Loan balance b/f	9,944,217	9,944,217	7,755,374	5,566,531	3,377,688	1,188,845
Capital repayment per annum	2,188,843	2,188,843	2,188,843	2,188,843	2,188,843	1,188,845
Loan balance c/f		7,755,374	5,566,531	3,377,688	1,188,845	-
Average loan amount		8,849,796	6,660,953	4,472,110	2,283,267	594,423
Loan interest (on opening balance) per annum	10.0%	884,980	666,095	447,211	228,327	59,442

10 FRENCH-KURUNEGALA

Loan balance b/f	15,531,524	15,531,524	13,978,371	12,425,218	10,872,065	9,318,912
Capital repayment per annum	1,553,153	1,553,153	1,553,153	1,553,153	1,553,153	1,553,153
Loan balance c/f		13,978,371	12,425,218	10,872,065	9,318,912	7,765,759
Average loan amount		14,754,948	13,201,795	11,648,642	10,095,489	8,542,336
Loan interest (on opening balance) per annum	10.0%	1,475,495	1,320,179	1,164,864	1,009,549	854,234

11 FRENCH-BADULLA

Loan balance b/f	18,396,649	18,396,649	16,352,576	14,308,503	12,264,430	10,220,357
Capital repayment per annum	2,044,073	2,044,073	2,044,073	2,044,073	2,044,073	2,044,073
Loan balance c/f		16,352,576	14,308,503	12,264,430	10,220,357	8,176,284
Average loan amount		17,374,613	15,330,540	13,286,467	11,242,394	9,198,321
Loan interest (on opening balance) per annum	10.0%	1,737,461	1,533,054	1,328,647	1,124,239	919,832

12 FRENCH-AMBATALE

Loan balance b/f	296,902,760	296,902,760	272,160,863	247,418,966	222,677,069	197,935,172
Capital repayment per annum	24,741,897	24,741,897	24,741,897	24,741,897	24,741,897	24,741,897
Loan balance c/f		272,160,863	247,418,966	222,677,069	197,935,172	173,193,275
Average loan amount		284,531,812	259,789,915	235,048,018	210,306,121	185,564,224
Loan interest (on opening balance) per annum	10.0%	28,453,181	25,978,991	23,504,802	21,030,612	18,556,422

13 ADB - URBAN & RURAL W.S. PROJECT II

Loan balance b/f	765,830,613	765,830,613	721,901,515	677,972,417	634,043,319	590,114,221
Capital repayment per annum	43,929,098	43,929,098	43,929,098	43,929,098	43,929,098	43,929,098
Loan balance c/f		721,901,515	677,972,417	634,043,319	590,114,221	546,185,123
Average loan amount		743,866,064	699,936,966	656,007,868	612,078,770	568,149,672
Loan interest (on opening balance) per annum	10.0%	74,386,606	69,993,697	65,600,787	61,207,877	56,814,967

14 OECF - TOWNS SOUTH OF COLOMBO W.S.P.

Loan balance b/f	841,708,246	841,708,246	787,404,489	733,100,732	678,796,975	624,493,218
Capital repayment per annum	54,303,757	54,303,757	54,303,757	54,303,757	54,303,757	54,303,757
Loan balance c/f		787,404,489	733,100,732	678,796,975	624,493,218	570,189,461
Average loan amount		814,556,368	760,252,611	705,948,854	651,645,097	597,341,340
Loan interest (on opening balance) per annum	10.0%	81,455,637	76,025,261	70,594,885	65,164,510	59,734,134

15 KALMUNAI WSS -EFIC

Loan balance b/f	14,903,532	14,903,532	13,661,572	12,419,612	11,177,652	9,935,692
Capital repayment per annum	1,241,960	1,241,960	1,241,960	1,241,960	1,241,960	1,241,960
Loan balance c/f		13,661,572	12,419,612	11,177,652	9,935,692	8,693,732
Average loan amount		14,282,552	13,040,592	11,798,632	10,556,672	9,314,712
Loan interest (on opening balance) per annum	10.0%	1,428,255	1,304,059	1,179,863	1,055,667	931,471

16 MATARA/NILAMBE W.S. PROJECT-ODA

Loan balance b/f	346,728,086	346,728,086	321,961,795	297,195,504	272,429,213	247,662,922
Capital repayment per annum	24,766,291	24,766,291	24,766,291	24,766,291	24,766,291	24,766,291
Loan balance c/f		321,961,795	297,195,504	272,429,213	247,662,922	222,896,631
Average loan amount		334,344,941	309,578,650	284,812,359	260,046,068	235,279,777
Loan interest (on opening balance) per annum	10.0%	33,434,494	30,957,865	28,481,236	26,004,607	23,527,978

17 AMBATALE REMOTE SUPERVISION

Loan balance b/f	116,772,368	116,772,368	108,539,414	100,306,460	92,073,506	83,840,552
Capital repayment per annum	8,232,954	8,232,954	8,232,954	8,232,954	8,232,954	8,232,954
Loan balance c/f		108,539,414	100,306,460	92,073,506	83,840,552	75,607,598
Average loan amount		112,655,891	104,422,937	96,189,983	87,957,029	79,724,075
Loan interest (on opening balance) per annum	10.0%	11,265,589	10,442,294	9,618,998	8,795,703	7,972,408

18 AMBATALE - REFURBISHMENT

Loan balance b/f	87,701,828	87,701,828	80,460,919	73,220,010	65,979,101	58,738,192
Capital repayment per annum	7,240,909	7,240,909	7,240,909	7,240,909	7,240,909	7,240,909
Loan balance c/f		80,460,919	73,220,010	65,979,101	58,738,192	51,497,283
Average loan amount		84,081,374	76,840,465	69,599,556	62,358,647	55,117,738
Loan interest (on opening balance) per annum	10.0%	8,408,137	7,684,046	6,959,956	6,235,865	5,511,774

19 TOWNS NORTH WATER SUPPLY PROJECT OCF SLP-49

Loan balance b/f	1,852,286,768	1,852,286,768	1,768,091,915	1,683,897,062	1,599,702,209	1,515,507,356
Capital repayment per annum	84,194,853	84,194,853	84,194,853	84,194,853	84,194,853	84,194,853
Loan balance c/f		1,768,091,915	1,683,897,062	1,599,702,209	1,515,507,356	1,431,312,503
Average loan amount		1,810,189,342	1,725,994,489	1,641,799,636	1,557,604,783	1,473,409,930
Loan interest (on opening balance) per annum	10.0%	181,018,934	172,599,449	164,179,964	155,760,478	147,340,993

20 RURAL WATER SUPPLY PROJECT-ADB 1575

Loan balance b/f	1,183,634,151	1,183,634,151	1,129,832,598	1,076,031,045	1,022,229,492	968,427,939
Capital repayment per annum	53,801,553	53,801,553	53,801,553	53,801,553	53,801,553	53,801,553
Loan balance c/f		1,129,832,598	1,076,031,045	1,022,229,492	968,427,939	914,626,386
Average loan amount		1,156,733,375	1,102,931,822	1,049,130,269	995,328,716	941,527,163
Loan interest (on opening balance) per annum	10.0%	115,673,337	110,293,182	104,913,027	99,532,872	94,152,716

21 KALUGANGA PROJECT - OECF

Loan balance b/f	3,414,904,425	3,414,904,425	3,259,681,497	3,104,458,569	2,949,235,641	2,794,012,713
Capital repayment per annum	155,222,928	155,222,928	155,222,928	155,222,928	155,222,928	155,222,928
Loan balance c/f		3,259,681,497	3,104,458,569	2,949,235,641	2,794,012,713	2,638,789,785
Average loan amount		3,337,292,961	3,182,070,033	3,026,847,105	2,871,624,177	2,716,401,249
Loan interest (on opening balance) per annum	10.0%	333,729,296	318,207,003	302,684,711	287,162,418	271,640,125

22 KOREAN LOAN (GREATER GALLE) - PHASE I

Loan balance b/f	541,638,341	541,638,341	519,070,077	496,501,813	473,933,549	451,365,285
Capital repayment per annum	22,568,264	22,568,264	22,568,264	22,568,264	22,568,264	22,568,264
Loan balance c/f		519,070,077	496,501,813	473,933,549	451,365,285	428,797,021
Average loan amount		530,354,209	507,785,945	485,217,681	462,649,417	440,081,153
Loan interest (on opening balance) per annum	10.0%	53,035,421	50,778,595	48,521,768	46,264,942	44,008,115

25 WATER RESOURCES MANAGEMENT PROJECT

Loan balance b/f	51,760,379	51,760,379	49,603,697	47,447,015	45,290,333	43,133,651
Capital repayment per annum	2,156,682	2,156,682	2,156,682	2,156,682	2,156,682	2,156,682
Loan balance c/f		49,603,697	47,447,015	45,290,333	43,133,651	40,976,969
Average loan amount		50,682,038	48,525,356	46,368,674	44,211,992	42,055,310
Loan interest (on opening balance) per annum	10.0%	5,068,204	4,852,536	4,636,867	4,421,199	4,205,531

26 NON REVENUE WATER PROJECT

Loan balance b/f	81,099,288	81,099,288	77,980,085	74,860,882	71,741,679	68,622,476
Capital repayment per annum	3,119,203	3,119,203	3,119,203	3,119,203	3,119,203	3,119,203
Loan balance c/f		77,980,085	74,860,882	71,741,679	68,622,476	65,503,273
Average loan amount		79,539,687	76,420,484	73,301,281	70,182,078	67,062,875
Loan interest (on opening balance) per annum	8.5%	6,760,873	6,495,741	6,230,608	5,965,476	5,700,344

SUMMARY - ON-GOING PROJECTS

Loans b/f	-	-	1,699,000,000	9,643,140,492	12,337,335,033
Additions	-	1,699,000,000	9,709,490,000	3,665,130,000	701,125,000
Capital repayments per annum	-	-	1,765,349,508	970,935,459	701,516,005
Loan balance c/f	-	1,699,000,000	9,643,140,492	12,337,335,033	12,336,944,029
Loan interests	-	-	169,900,000	964,314,049	1,233,733,503
Grant additions	-	1,699,000,000	10,605,260,000	4,209,620,000	701,125,000
Treasury additions	-	867,000,000	10,041,750,000	3,183,750,000	480,250,000

LOANS RELATING TO COMMITTED PROJECTS**SUMMARY - COMMITTED PROJECTS**

Loan balance b/f	-	2,359,500	4,719,000	7,078,500	9,438,000
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	9,438,000
Average loan amount	-	-	-	-	-
Loan interest (on opening balance) per annum	106,250	235,950	471,900	707,850	943,800

FUTURE LOANS

SUMMARY - FUTURE LOANS

Loan balance b/f	-	-	-	-	-
Additions	-	-	-	-	-
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	13,197,044,747	14,249,753,516	21,490,531,771	23,494,173,308
Disbursements	2,359,500	1,701,359,500	9,711,849,500	3,667,489,500	701,125,000
Capital repayment per annum	621,382,868	648,650,731	2,471,071,245	1,663,847,963	1,459,103,756
Loan balance c/f	13,197,044,747	14,249,753,516	21,490,531,771	23,494,173,308	22,736,194,553
CHECK	-	-	-	-	-
Loan interest (on opening balance) per annum	1,345,981,723	1,283,353,118	1,386,513,820	2,111,769,722	2,309,231,968

Balance sheet inputs					
Loans payable b/f	15,992,269,826	13,197,044,747	14,249,753,516	21,490,531,771	23,494,173,308
New loans	2,359,500	1,701,359,500	9,711,849,500	3,667,489,500	701,125,000
Capital paid	2,797,584,579	648,650,731	2,471,071,245	1,663,847,963	1,459,103,756
Total outstanding loans	13,197,044,747	14,249,753,516	21,490,531,771	23,494,173,308	22,736,194,553
Current obligation	648,650,731	2,471,071,245	1,663,847,963	1,459,103,756	1,458,191,501
Long-term obligation	12,548,394,016	11,778,682,271	19,826,683,808	22,035,069,553	21,278,003,052
Interest payable b/f	142,184,781	1,283,353,118	1,386,513,820	2,111,769,722	2,309,231,968
Interest for the year	1,345,981,723	1,283,353,118	1,386,513,820	2,111,769,722	2,309,231,968
Interest paid during the year	204,813,386	1,180,192,416	661,257,918	1,914,307,476	2,384,638,547
Interest payable c/f	1,283,353,118	1,386,513,820	2,111,769,722	2,309,231,968	2,233,825,390
Grants b/f	42,740,417	42,740,417	44,439,417	55,044,677	59,254,297
Grant additions (LKR 000's)	-	1,699,000	10,605,260	4,209,620	701,125
Grants c/f	42,740,417	44,439,417	55,044,677	59,254,297	59,955,422
Grants b/f	42,699,756	42,699,756	43,566,756	53,608,506	56,792,256
Treasury additions (Equity) - (LKR 000's)	-	867,000	10,041,750	3,183,750	480,250
Grants c/f	42,699,756	43,566,756	53,608,506	56,792,256	57,272,506

27 ADB - 4TH PROJECT

Loan balance b/f	789,704,273	789,704,273	789,704,273	789,704,273	732,633,262	675,562,251
Capital repayment per annum	57,071,011	-	-	57,071,011	57,071,011	57,071,011
Loan balance c/f		789,704,273	789,704,273	732,633,262	675,562,251	618,491,240
Average loan amount		789,704,273	789,704,273	761,168,768	704,097,757	647,026,746
Loan interest (on opening balance) per annum	10.0%	78,970,427	78,970,427	76,116,877	70,409,776	64,702,675

SUMMARY - OUTSTANDING LOANS

Loan balance b/f	13,816,068,115	13,194,685,247	12,546,034,516	11,840,312,779	11,147,400,275
Capital repayment per annum	621,382,868	648,650,731	705,721,737	692,912,504	757,587,751
Loan balance c/f	13,194,685,247	12,546,034,516	11,840,312,779	11,147,400,275	10,389,812,524
Average loan amount	13,505,376,681	12,870,359,882	12,193,173,648	11,493,856,527	10,768,606,400
Loan interest (on opening balance) per annum	1,345,875,473	1,283,117,168	1,216,141,920	1,146,747,823	1,074,554,665

LOANS RELATING TO ON-GOING PROJECTS

23 NAWALAPITIYA/AMPARA/KOGGALA KFW PROJECT

Loan balance b/f	599,893,000	599,893,000	599,893,000	572,625,137	545,357,274	518,089,411
Capital repayment per annum	27,267,863	-	27,267,863	27,267,863	27,267,863	27,267,863
Loan balance c/f		599,893,000	572,625,137	545,357,274	518,089,411	490,821,548
Average loan amount		599,893,000	586,259,069	558,991,206	531,723,343	504,455,480
Loan interest (on opening balance) per annum	10.0%	59,989,300	58,625,907	55,899,121	53,172,334	50,445,548

24 GREATER KANDY W.S.P.

Loan balance b/f	1,313,505,000	1,313,505,000	1,313,505,000	1,313,505,000	1,313,505,000	1,313,505,000
Capital repayment per annum	65,675,250	-	-	-	-	65,675,250
Loan balance c/f		1,313,505,000	1,313,505,000	1,313,505,000	1,313,505,000	1,247,829,750
Average loan amount		1,313,505,000	1,313,505,000	1,313,505,000	1,313,505,000	1,280,667,375
Loan interest (on opening balance) per annum	10.0%	131,350,500	131,350,500	131,350,500	131,350,500	128,066,738