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TABLES

Table I.2.1 AVERAGE NATURAL RUNOFF

NO.		Station (Reservoir, Tank, etc.)	Catchment Area (sq.km)	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	Annual (MCM)	(mm)
1	M	Caledonia	235	50	44	32	22	11	10	15	28	48	55	52	44	412	1751
2	M	Talawakelle	363	78	69	49	33	18	16	23	43	75	85	80	68	636	1752
3	M	Kotmale R	562	120	106	76	52	27	24	36	67	116	131	123	106	984	1751
4	M	Watawel R	69	15	13	9	6	3	3	4	8	14	16	15	12	119	1728
5	M	Uapame R	782	168	148	106	71	37	33	50	93	161	182	172	145	1365	1745
6	M	Polgolla B	1292	272	254	173	93	51	48	85	160	265	273	249	219	2141	1657
7	M	Victoria R	1921	343	357	291	178	101	77	124	211	316	325	301	265	2890	1504
8	M	Randenigala R	2365	387	436	411	287	159	104	149	238	332	345	321	286	3455	1461
9	M	Rantambe R	3113	436	509	501	377	222	148	205	291	363	376	345	313	4084	1312
10	M	Minipe A	3120	436	510	502	377	222	148	205	291	363	377	345	313	4089	1311
11	M	Manampitiya	7418	660	952	1465	1289	779	486	458	460	464	465	437	416	8330	1123
12	M	Mahatotila Oya R	168	11	16	20	20	14	10	12	12	7	7	5	6	141	840
13	M	Upper Uma Oya	421	27	41	51	50	35	25	31	29	17	18	13	15	354	840
14	M	Lower Uma Oya	622	41	61	75	74	52	36	46	44	26	26	20	22	523	840
15	M	Ukuwela P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	M	Sudu Ganga R	305	21	34	55	45	28	18	17	13	10	10	8	8	269	880
17	M	Bowatanna R	506	35	57	92	75	47	30	29	22	16	16	14	14	445	880
18	M	Moragahakanda R	782	58	101	180	159	95	60	51	39	28	26	24	23	843	1078
19	M	Elahera	782	58	101	180	159	95	60	51	39	28	26	24	23	843	1078
20	M	Angamedilla A	1363	88	174	400	361	230	126	99	59	37	37	35	36	1682	1234
21	M	Kalu-Ganga R	204	20	44	88	67	44	24	25	16	3	3	3	4	340	1667
1	S	Dambulu-Oya R	342	7	15	20	6	3	3	7	3	0	0	0	1	65	189
2	S	Kalawewa T	842	18	37	50	15	7	8	17	7	0	1	1	3	163	193
3	S	Rajangana T	1611	34	70	93	29	13	14	32	13	1	2	1	5	309	191
4	S	Angamuwa T	130	3	6	7	2	1	1	3	1	0	0	0	0	25	188
5	S	Kandalama T	98	2	5	7	2	1	1	2	1	0	0	0	0	22	228
6	S	Nachchaduwa T	611	8	15	27	6	3	4	9	4	0	0	0	1	78	127
7	S	Nuwarawewa T	83	1	2	3	1	0	0	1	1	0	0	0	0	9	111
8	S	Tissawewa T	5	0	0	0	0	0	0	0	0	0	0	0	0	1	100
9	S	Basawakkulama T	9	0	0	0	0	0	0	0	0	0	0	0	0	1	100
10	S	Galgamuwa T	11	0	1	0	0	0	0	0	0	0	0	0	0	2	182
11	S	Inginimitiya R	557	15	26	19	9	5	6	14	6	1	1	1	2	105	189
12	S	Minipe LB canal	197	8	36	63	40	20	9	11	5	0	1	1	1	195	991
13	S	Kalu-Ganga R	204	20	44	88	67	44	24	25	16	3	3	3	4	340	1667
14	S	Kiri-Oya R	115	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	S	Huruluwewa T	199	3	8	12	3	2	2	3	1	0	0	0	0	33	167
16	S	Horowupotana R	950	11	27	65	34	17	10	7	6	1	1	2	2	182	192
17	S	Yan-Oya R	1320	15	38	91	47	24	14	10	8	1	2	2	2	253	192
18	S	Mahakandarawa R	326	4	8	11	3	2	2	4	2	0	0	0	1	36	111
19	S	Malwatu-Oya R	2113	17	38	87	51	28	25	20	13	6	5	4	4	298	141
20	S	Tammannewa R	64	1	1	4	2	1	1	0	0	0	0	0	0	11	167
21	S	Mukunuwewa R	142	5	7	16	4	4	3	2	2	0	0	0	1	43	306
22	S	Padawiya T	539	20	26	59	15	15	10	8	7	1	2	1	2	164	305
23	S	Iratperiya Kulam T	32	2	3	4	1	1	0	1	0	0	0	0	0	12	363
24	S	Pavat Kulam T	298	18	29	35	9	6	3	8	2	0	0	0	0	109	367
25	S	Kithulagala R	104	4	5	11	3	3	2	2	1	0	0	0	0	32	305
26	S	Kanagarayan Aru R	85	7	10	12	3	3	1	3	2	0	0	0	0	40	474
27	S	Paragi Aru R	427	25	41	50	12	8	5	12	3	0	0	0	0	157	367
28	S	Pali Aru R	91	5	9	11	3	2	1	3	1	0	0	0	0	33	366
29	S	Vavuni Kulam T	228	13	22	27	7	4	2	6	2	0	0	0	0	84	368
30	S	System G	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	S	Giritale T	24	1	2	3	1	1	0	1	0	0	0	0	0	9	375
32	S	Minneriya T	241	6	19	30	11	6	4	6	3	0	1	0	1	87	361
33	S	Kaudulla T	338	8	27	41	14	7	4	7	4	0	1	1	2	116	343
34	S	Kantalai T	199	6	17	26	9	6	4	7	3	0	1	0	3	81	408
35	S	Vendarasan Kulam T	11	0	1	2	1	0	0	0	0	0	0	0	0	5	409
36	S	Parakkrama Samudra	73	2	6	11	4	3	1	2	1	0	0	0	0	29	399
37	S	Badulu Oya R	267	8	40	65	42	23	8	12	5	0	1	1	2	207	775
38	S	Mapakadawewa T	7	0	1	2	1	1	0	0	0	0	0	0	0	5	743
39	S	Dambarawawewa T	19	1	3	5	3	2	1	1	0	0	0	0	0	15	774
40	S	Soraborawewa	44	1	7	11	7	4	1	2	1	0	0	0	0	34	773
41	S	Ulhitiya-Ratkinda R	282	9	43	70	47	25	9	12	6	0	1	1	2	223	791
42	S	Maduru Oya R	453	14	49	109	72	42	19	15	12	3	3	3	4	344	759
43	S	Vakaneri T	11	0	1	3	2	1	1	0	0	0	0	0	0	8	764
44	S	Pimburattewa R	20	1	2	5	3	2	1	1	1	0	0	0	0	15	755
45	S	Gallodai Aru R	95	2	7	21	15	10	4	2	1	0	0	0	1	63	666
46	S	Maha Oya R	230	13	23	38	24	17	7	8	6	1	1	1	1	141	615
47	S	Rambukkan Oya R	140	8	14	23	14	11	4	5	4	0	1	1	1	86	615
48	S	Magalwatavan R	115	7	11	19	12	9	3	4	3	0	1	1	1	71	615
49	S	Rukan T	115	3	8	25	19	12	4	2	2	1	1	1	1	77	666
50	S	Unnichchi T	274	12	24	51	35	24	9	8	6	1	1	1	2	174	635
51	S	System A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Remarks: Unit: MCM
R: Reservoir, A: Anicut, M: Main System,
S: Sub-System, T: Tank

Table I.2.2 AVERAGE NATURAL LOCAL RUNOFF FOR WATER BALANCE STUDY

No.	Reference No. of Station	Station (Reservoir, Tank, etc.)	Catchment Area (sq. km) Total	Local	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Annual (MCM)
1 M	1 / 72	Caledonia	235	235	50	44	32	22	11	10	15	28	48	55	52	44	412
2 M	2 / 72	Talawakelle	363	128	27	24	17	12	6	6	8	15	26	30	28	24	224
3 M	3 / 72	Kotmale R	562	199	43	38	27	18	10	9	13	24	41	46	44	37	348
4 M	4 / 72	Watawala R	69	69	15	13	9	6	3	3	4	8	14	16	15	12	119
5 M	5 / 72	Ulapane R	782	151	32	29	20	14	7	6	9	18	31	35	33	27	261
6 M	6 / 72	Polgolla B	1,292	510	104	106	67	22	14	15	35	67	104	91	78	74	776
7 M	7 / 72	Victoria R	1,921	629	71	104	118	85	51	30	40	51	51	52	52	46	749
8 M	8 / 72	Randenigala R	2,365	444	44	79	120	109	57	27	25	27	16	20	20	21	566
9 M	9 / 72	Rantambe R	3,113	126	8	12	15	15	11	7	9	9	5	5	4	4	106
10 M	10 / 72	Minipe A	3,120	7	0	1	1	1	1	0	1	1	0	0	0	0	6
11 M	11 / 72	Manampitiya	7,418	2,119	109	140	347	411	254	184	116	92	63	49	53	62	1,879
12 M	12 / 72	Mahatotila Oya R	168	168	11	16	20	20	14	10	12	12	7	7	5	6	141
13 M	13 / 72	Upper Uma Oya	421	253	17	25	31	30	21	15	19	18	11	11	8	9	213
14 M	14 / 72	Lower Uma Oya	622	201	13	20	24	24	17	12	15	14	8	9	6	7	169
15 M	15 / 72	Ukuwela P	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
16 M	16 / 72	Sudu Ganga R	305	305	21	34	55	45	28	18	17	13	10	10	8	8	269
17 M	17 / 72	Bowatanna R	506	201	14	23	37	30	19	12	12	9	7	6	5	5	177
18 M	18 / 72	Moragahakanda R	782	276	24	45	88	85	48	30	22	17	11	10	10	9	398
19 M	19 / 72	Elahera	782	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 M	20 / 72	Angamedilla A	1,363	377	9	29	132	135	91	42	23	4	7	9	9	10	499
21 M	21 / 72	Kalu-Ganga R	204	204	20	44	88	67	44	24	25	16	3	3	3	4	340
1 S	22 / 72	Dambulu-Oya R	342	342	7	15	20	6	3	3	7	3	0	0	0	1	65
2 S	23 / 72	Kalawewa T	842	402	8	17	23	7	3	4	8	3	0	0	0	1	76
3 S	24 / 72	Rajangana T	1,611	769	16	33	44	13	6	7	15	6	0	1	1	2	145
4 S	25 / 72	Angamuwa T	130	130	3	6	7	2	1	1	3	1	0	0	0	0	25
5 S	26 / 72	Kandalama T	98	98	2	5	7	2	1	1	2	1	0	0	0	0	22
6 S	27 / 72	Nachchaduwa T	611	611	8	15	27	6	3	4	9	4	0	0	0	1	78
7 S	28 / 72	Nuwarawewa T	83	83	1	2	3	1	0	0	1	1	0	0	0	0	9
8 S	29 / 72	Tissawewa T	5	5	0	0	0	0	0	0	0	0	0	0	0	0	1
9 S	30 / 72	Basawakkulama T	9	9	0	0	0	0	0	0	0	0	0	0	0	0	1
10 S	31 / 72	Galgamuwa T	11	11	0	1	0	0	0	0	0	0	0	0	0	0	2
11 S	32 / 72	Inginimitiya R	557	557	15	26	19	9	5	6	14	6	1	1	1	2	105
12 S	33 / 72	Minipe LB canal	197	197	8	36	63	40	20	9	11	5	0	1	1	1	195
13 S	34 / 72	Kalu-Ganga R	204	204	20	44	88	67	44	24	25	16	3	3	3	4	340
14 S	35 / 72	Kiri-Oya R	115	115	0	0	0	0	0	0	0	0	0	0	0	0	0
15 S	36 / 72	Huruluwewa T	199	199	3	8	12	3	2	2	3	1	0	0	0	0	33
16 S	37 / 72	Horowupotana R	950	751	8	19	54	31	16	9	4	4	1	1	2	1	149
17 S	38 / 72	Yan-Oya R	1,320	370	4	11	25	13	7	4	3	2	0	0	1	1	71
18 S	39 / 72	Mahakandarama R	326	326	4	8	11	3	2	2	4	2	0	0	0	1	36
19 S	40 / 72	Malwatu-Oya R	2,113	1,015	4	12	40	38	21	19	5	7	6	5	3	2	162
20 S	41 / 72	Tammannewa R	64	64	1	1	4	2	1	1	0	0	0	0	0	0	11
21 S	42 / 72	Mukunuwewa R	142	142	5	7	16	4	4	3	2	2	0	0	0	1	43
22 S	43 / 72	Padawiya T	539	397	15	19	44	11	11	7	6	5	1	1	1	1	121
23 S	44 / 72	Iratperiya Kulam T	32	32	2	3	4	1	1	0	1	0	0	0	0	0	12
24 S	45 / 72	Pavat Kulam T	298	266	16	26	31	8	5	3	7	2	0	0	0	0	98
25 S	46 / 72	Kitulgala R	104	104	4	5	11	3	3	2	2	1	0	0	0	0	32
26 S	47 / 72	Kanagarayan Aru R	85	85	7	10	12	3	3	1	3	2	0	0	0	0	40
27 S	48 / 72	Parangi Aru R	427	427	25	41	50	12	8	5	12	3	0	0	0	0	157
28 S	49 / 72	Pali Aru R	91	91	5	9	11	3	2	1	3	1	0	0	0	0	33
29 S	50 / 72	Vavuni Kulam T	228	137	8	13	16	4	3	1	4	1	0	0	0	0	50
30 S	51 / 72	System G	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
31 S	52 / 72	Giritale T	24	24	1	2	3	1	1	0	1	0	0	0	0	0	9
32 S	53 / 72	Minneriya T	241	241	6	19	30	11	6	4	6	3	0	1	0	1	87
33 S	54 / 72	Kaudulla T	338	338	8	27	41	14	7	4	7	4	0	1	1	2	116
34 S	55 / 72	Kantalai T	199	199	6	17	26	9	6	4	7	3	0	1	0	3	81
35 S	56 / 72	Vendarasan Kulam T	11	11	0	1	2	1	0	0	0	0	0	0	0	0	5
36 S	57 / 72	Parakkrama Samudra	73	73	2	6	11	4	3	1	2	1	0	0	0	0	29
37 S	58 / 72	Badulu Oya R	267	267	8	40	65	42	23	8	12	5	0	1	1	2	207
38 S	59 / 72	Mapakadawewa T	7	7	0	1	2	1	1	0	0	0	0	0	0	0	5
39 S	60 / 72	Dambarawawewa T	19	19	1	3	5	3	2	1	1	0	0	0	0	0	15
40 S	61 / 72	Soraborawewa	44	44	1	7	11	7	4	1	2	1	0	0	0	0	34
41 S	62 / 72	Ulhitiya-Ratkinda R	282	282	9	43	70	47	25	9	12	6	0	1	1	2	223
42 S	63 / 72	Maduru Oya R	453	453	14	49	109	72	42	19	15	12	3	3	3	4	344
43 S	64 / 72	Vakaneri T	11	11	0	1	3	2	1	1	0	0	0	0	0	0	8
44 S	65 / 72	Pimburattewa R	20	20	1	2	5	3	2	1	1	1	0	0	0	0	15
45 S	66 / 72	Gallodai Aru R	95	95	2	7	21	15	10	4	2	1	0	0	0	1	63
46 S	67 / 72	Maha Oya R	230	230	13	23	38	24	17	7	8	6	1	1	1	1	141
47 S	68 / 72	Rambukkan Oya R	140	140	8	14	23	14	11	4	5	4	0	1	1	1	86
48 S	69 / 72	Magalavatavan R	115	115	7	11	19	12	9	3	4	3	0	1	1	1	71
49 S	70 / 72	Rukan T	115	115	3	8	25	19	12	4	2	2	1	1	1	1	77
50 S	71 / 72	Unnichchi T	274	159	9	16	27	16	12	5	6	4	1	1	1	1	98
51 S	72 / 72	System A	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0

Remarks: 'Reference No. of Station' shows reference of Table B.4.5.
Unit : MCM
R : Reservoir
A : Anicut
T : Tank

Table I.2.3 AVERAGE IRRIGATION WATER DEMANDS AT RESPECTIVE SYSTEMS (1/2)
(Case-1 PRESENT EFFICIENCY)

(Unit: MCM)

System	Area(ha)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
A	20,300	60.3	47.7	10.2	24.1	99.4	114.9	87.4	26.7	2.5	50.5	36.3	21.0	581.0
B	42,000	128.2	127.8	26.7	43.5	176.8	266.8	213.0	112.0	11.1	37.5	132.6	52.1	1,327.9
C	24,500	29.6	55.5	18.9	24.7	110.9	130.9	122.5	54.0	3.9	33.6	41.1	9.1	634.6
D1	40,500	67.6	104.1	57.9	40.5	134.5	171.4	140.5	84.7	29.1	38.8	51.3	17.7	938.3
D2	10,100	16.5	22.5	7.0	8.9	38.1	42.9	37.7	18.1	1.4	12.9	14.3	2.8	223.0
E	6,100	8.8	15.0	7.4	7.2	31.2	34.9	28.7	7.8	0.0	6.8	14.1	3.0	164.6
F	1,900	5.0	5.0	0.0	0.1	7.3	11.7	10.8	5.6	0.4	4.0	5.9	2.0	57.9
G	5,400	12.7	13.5	2.3	0.1	18.0	30.8	27.8	16.9	1.6	4.1	14.8	4.2	146.8
H *1	42,400	143.3	126.1	27.4	13.7	57.0	111.9	112.8	78.2	24.1	44.1	102.4	81.5	922.7
IH	4,700	14.0	14.2	3.2	3.9	17.4	22.4	18.6	5.6	1.2	3.0	9.9	8.1	121.7
MH	16,300	54.9	54.5	12.1	16.6	67.5	82.2	69.3	21.9	4.6	13.2	43.8	34.8	475.1
I *2	53,300	175.7	175.0	38.6	51.4	216.8	266.1	224.5	66.8	9.7	32.7	134.1	115.0	1,506.7
J	21,800	65.0	59.5	10.4	0.8	62.3	109.2	104.6	53.2	2.9	10.1	38.8	25.2	542.2
K	9,000	24.1	22.2	3.8	0.4	30.1	49.8	46.6	23.8	1.3	3.3	11.9	7.5	224.8
L	34,600	103.8	93.9	12.3	1.3	104.2	179.0	170.3	86.5	4.5	32.6	67.9	38.5	884.7
M	25,000	84.1	73.2	17.5	1.5	76.5	132.5	121.9	61.6	4.0	24.2	55.4	39.5	691.8
NWDZ	13,250	41.8	24.2	0.0	10.2	44.8	57.0	53.7	19.4	2.2	17.7	20.6	22.2	314.1
Total	371,150	1,035.4	1,023.9	255.7	248.9	1,292.8	1,814.4	1,590.7	742.8	104.5	369.1	795.2	484.2	9,757.9

Remarks: *1 Crop Intensity CI=1.65
*2 Including Water Demand at Existing Giant Tank

Table I.2.3 AVERAGE IRRIGATION WATER DEMANDS AT RESPECTIVE SYSTEMS (2/2)
(Case-2 IMPROVED EFFICIENCY)

(Unit: MCM)

System	Area(ha)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
A	20,300	56.3	44.5	9.5	22.5	92.8	107.2	81.5	24.9	2.4	47.1	33.9	19.6	542.3
B	42,000	119.6	119.2	25.0	40.6	165.0	249.1	198.7	104.5	10.2	35.0	123.7	48.7	1,239.4
C	24,500	24.9	46.6	15.9	20.7	93.2	109.9	102.8	45.4	3.3	28.2	34.5	7.6	533.1
D1	40,500	63.2	97.3	54.2	37.8	125.5	160.1	131.2	79.0	27.1	36.2	47.9	16.6	875.6
D2	10,100	15.4	21.0	6.5	8.3	35.6	40.0	35.2	16.9	1.3	12.0	13.3	2.6	208.1
E	6,100	7.4	12.6	6.2	6.0	26.2	29.3	24.1	6.5	0.0	5.7	11.8	2.5	138.3
F	1,900	4.7	4.7	0.0	0.1	6.8	10.9	10.1	5.2	0.3	3.8	5.5	1.9	54.0
G	5,400	11.9	12.6	2.1	0.1	16.8	28.8	25.9	15.7	1.5	3.9	13.8	3.9	137.0
H *1	42,400	133.8	117.7	25.6	24.0	101.6	183.3	166.6	99.5	22.5	41.2	95.6	76.0	1,087.3
IH	4,700	13.1	13.2	3.0	3.7	16.2	20.9	17.3	5.2	1.2	2.8	9.3	7.6	113.5
MH	16,300	51.2	50.8	11.4	15.4	63.0	76.7	64.7	20.4	4.3	12.4	40.9	32.3	443.5
I *2	53,300	163.9	163.3	36.0	48.0	202.4	248.3	209.6	62.3	9.0	30.5	125.2	107.4	1,406.2
J	21,800	60.7	55.5	9.8	0.7	58.2	102.0	97.6	49.7	2.6	9.4	36.3	23.5	506.1
K	9,000	22.5	20.7	3.6	0.3	28.1	46.5	43.5	22.2	1.2	3.0	11.1	7.0	209.8
L	34,600	96.9	78.3	11.5	1.1	97.1	167.0	158.9	80.9	4.2	30.4	63.4	35.9	825.6
M	25,000	78.5	68.3	16.3	1.3	71.5	123.7	113.8	57.5	3.7	22.6	51.7	36.9	645.7
NWDZ	13,250	39.0	22.6	0.0	9.6	41.8	53.2	50.1	18.1	2.1	16.5	19.3	20.7	293.2
Total	371,150	963.0	948.9	236.6	240.2	1,241.8	1,756.9	1,531.6	713.9	96.9	340.7	737.2	450.7	9,258.7

Remarks: *1 Crop Intensity CI=2.0
*2 Including Water Demand at Existing Giant Tank

Refer to ANNEX-F.

Table I.2.4 AVERAGE IRRIGATION WATER DEMANDS AT RESPECTIVE TANKS (1/2) (Case-1 PRESENT CONDITION)

(Unit: MCM)

System	Tank	Area (ha)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
A	-	20,300	60.3	47.7	10.2	24.1	99.4	114.9	87.4	26.7	2.5	50.5	36.3	21.0	581.0
B	Maduru Oya	36,500	111.4	111.0	23.2	37.8	153.6	231.9	185.1	97.3	9.6	32.6	115.2	45.3	1154.0
	Pinburattewa	1,800	5.5	5.5	1.1	1.9	7.6	11.4	9.1	4.8	0.5	1.6	5.7	2.2	56.9
	Vakaneri	3,700	11.3	11.3	2.4	3.8	15.6	23.5	18.8	9.9	1.0	3.3	11.7	4.6	117.0
C	Ulhitiya/Ratkinda	22,700	27.5	51.4	17.5	22.9	102.7	121.3	113.5	50.1	3.6	31.1	38.1	8.4	588.0
	Mapakadawa	700	0.8	1.6	0.5	0.7	3.2	3.7	3.5	1.5	0.1	1.0	1.2	0.3	18.1
	Dambarawa	600	0.7	1.4	0.5	0.6	2.7	3.2	3.0	1.3	0.1	0.8	1.0	0.2	15.5
	Sorabora	500	0.6	1.1	0.4	0.5	2.3	2.7	2.5	1.1	0.1	0.7	0.8	0.2	13.0
D1	Minneriya	8,900	16.0	23.7	9.4	8.8	33.7	38.6	31.4	12.3	1.3	8.8	13.7	4.7	202.5
	Giritale	3,000	5.4	8.0	3.2	3.0	11.4	13.0	10.6	4.2	0.4	3.0	4.6	1.6	68.3
	Kaudulla	14,500	26.1	38.7	15.3	14.4	54.9	62.9	51.1	20.1	2.2	14.3	22.3	7.7	330.0
	Kantalai	13,500	19.0	32.1	29.4	13.7	32.2	54.3	45.3	47.3	25.1	12.1	9.8	3.4	323.8
	Vendarasan	600	1.1	1.6	0.6	0.6	2.3	2.6	2.1	0.8	0.1	0.6	0.9	0.3	13.7
D2	Parakrama Samudra	10,100	16.5	22.5	7.0	8.9	38.1	42.9	37.7	18.1	1.4	12.9	14.3	2.8	223.0
E	-	6,100	8.8	15.0	7.4	7.2	31.2	34.9	28.7	7.8	0.0	6.8	14.1	3.0	164.6
F	Kalu Ganga	1,900	5.0	5.0	0.0	0.1	7.3	11.7	10.8	5.6	0.4	4.0	5.9	2.0	57.9
G	-	5,400	12.7	13.5	2.3	0.1	18.0	30.8	27.8	16.9	1.6	4.1	14.8	4.2	146.8
H *1	Kandalama	4,900	16.6	14.6	3.2	1.6	6.6	12.9	13.0	9.0	2.8	5.1	11.8	9.4	106.6
	Dambulu Oya	2,200	7.4	6.5	1.4	0.7	3.0	5.8	5.9	4.1	1.2	2.3	5.3	4.2	47.9
	Kalawewa	27,600	93.3	82.1	17.9	8.9	37.1	72.9	73.4	50.9	15.7	28.7	66.7	53.1	600.6
	Rajangana	6,700	22.6	19.9	4.3	2.2	9.0	17.7	17.8	12.4	3.8	7.0	16.2	12.9	145.8
	Angamuwa	1,000	3.4	3.0	0.6	0.3	1.3	2.6	2.7	1.8	0.6	1.0	2.4	1.9	21.8
JH	Nachchaduwa	2,830	8.4	8.6	1.9	2.4	10.4	13.5	11.2	3.4	0.7	1.8	6	4.9	73.2
	Nuwarawewa	1,100	3.3	3.3	0.7	0.9	4.1	5.2	4.3	1.3	0.3	0.7	2.3	1.9	28.5
	Tissawewa	400	1.2	1.2	0.3	0.3	1.5	1.9	1.6	0.5	0.1	0.3	0.8	0.7	10.4
	Bassawakkulamu	370	1.1	1.1	0.3	0.3	1.4	1.8	1.5	0.4	0.1	0.2	0.8	0.6	9.6
MH	Huruluwewa	4,300	14.5	14.4	3.2	4.4	17.8	21.7	18.3	5.8	1.2	3.5	11.5	9.2	125.3
	Huruluwewa Ext.	12,000	40.4	40.1	9.0	12.2	49.7	60.5	51.0	16.1	3.4	9.7	32.3	25.6	349.8
I	Mahakandalama	10,800	35.6	35.5	7.8	10.4	43.9	53.9	45.5	13.5	2.0	6.6	27.2	23.3	305.3
	Tammennawewa	27,000	89.0	88.6	19.6	26.1	109.9	134.8	113.7	33.8	4.9	16.6	67.9	58.3	763.2
	Maluwatu Oya	13,500	44.5	44.3	9.8	13.0	54.9	67.4	56.9	16.9	2.5	8.3	34.0	29.1	381.6
	Pavat Kulam	1,800	5.9	5.9	1.3	1.7	7.3	9.0	7.6	2.3	0.3	1.1	4.5	3.9	50.9
	Iratperiya	200	0.7	0.7	0.1	0.2	0.8	1.0	0.8	0.3	0.0	0.1	0.5	0.4	5.7
J	Pali Aru	9,000	26.8	24.6	4.3	0.3	25.7	45.1	43.2	22.0	1.2	4.2	16.0	10.4	223.9
	Vavunikulam	2,800	8.4	7.6	1.3	0.1	8.0	14.0	13.4	6.8	0.4	1.3	5.0	3.2	69.6
	Parangi Aru	10,000	29.8	27.3	4.8	0.4	28.6	50.1	48.0	24.4	1.3	4.6	17.8	11.6	248.7
K	Kanagalayan	9,000	24.1	22.2	3.8	0.4	30.1	49.8	46.6	23.8	1.3	3.3	11.9	7.5	224.8
L	Mukunuwewa	13,000	39.0	31.5	4.6	0.5	39.1	67.2	64.0	32.5	1.7	12.2	25.5	14.5	332.4
	Padawewa	5,600	16.8	13.6	2.0	0.2	16.9	29.0	27.6	14.0	0.7	5.3	11.0	6.2	143.2
	Kitulgala	16,000	48.0	38.8	5.7	0.6	48.2	82.8	78.7	40.0	2.1	15.1	31.4	17.8	409.1
M	Horoupotana	15,000	50.5	43.9	10.5	0.9	45.9	79.5	73.1	37.0	2.4	14.5	33.2	23.7	415.1
	Yan Oya	10,000	33.6	29.3	7.0	0.6	30.6	53.0	48.8	24.6	1.6	9.7	22.2	15.8	276.7
NKDZ	Galgamuwa	10,700	33.3	19.3	0.0	6.9	33.5	44.7	45.2	19.4	2.2	14.7	15.8	16.9	252.2
	Inginimitiya	2,550	8.5	4.9	0.0	3.3	11.3	12.3	8.5	0.0	0.0	3.0	4.8	5.3	61.9
-	Gallodai Aru	10,500	15.9	20.1	6.2	10.5	43.3	46.6	34.2	7.0	0.4	8.5	18.3	5.7	216.7
	Mana Oya	3,300	5.5	5.1	0.3	4.2	13.5	13.6	9.3	1.4	0.4	4.7	6.5	2.1	66.6
	Rambukan Oya	3,000	5.2	5.3	0.1	4.0	12.7	12.7	8.6	1.2	0.4	4.1	6.4	2.0	62.7
	Rukan Oya	4,200	7.3	7.4	0.2	5.6	17.8	17.7	12.0	1.7	0.5	5.8	8.9	2.8	87.8
	Magalavatavan	13,400	13.9	15.2	4.1	16.3	62.6	63.5	49.6	13.1	1.7	8.3	18.2	5.9	272.3
	Unichchi	5,400	5.6	6.1	1.6	6.6	25.2	25.6	20.0	5.3	0.7	3.3	7.3	2.4	109.7

Remarks: *1 Crop Intensity CI=1.65
*2 Including Water Demand at Existing Giant Tank

Table I.2.4 AVERAGE IRRIGATION WATER DEMANDS AT RESPECTIVE TANKS (2/2) (Case-2 IMPROVED CONDITION)

(Unit: MCM)

System	Tank	Area (ha)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
A	-	20,300	56.3	44.5	9.5	22.5	92.8	107.2	81.5	24.9	2.4	47.1	33.9	19.6	542.3
B	Maduru Oya	36,500	104.0	103.6	21.7	35.3	143.4	216.5	172.7	90.8	8.9	30.4	107.5	42.3	1077.1
	Pinburattewa	1,800	5.1	5.1	1.1	1.7	7.1	10.7	8.5	4.5	0.4	1.5	5.3	2.1	53.1
	Vakaneri	3,700	10.5	10.5	2.2	3.6	14.5	21.9	17.5	9.2	0.9	3.1	10.9	4.3	109.2
C	Ulhitiya/Ratkinda	22,700	23.1	43.2	14.7	19.2	86.3	101.9	95.3	42.1	3.0	26.1	32.0	7.0	493.9
	Mapakadawa	700	0.7	1.3	0.5	0.6	2.7	3.1	2.9	1.3	0.1	0.8	1.0	0.2	15.2
	Dambarawa	600	0.6	1.1	0.4	0.5	2.3	2.7	2.5	1.1	0.1	0.7	0.8	0.2	13.1
	Sorabora	500	0.5	1.0	0.3	0.4	1.9	2.2	2.1	0.9	0.1	0.6	0.7	0.2	10.9
D1	Minneriya	8,900	15.0	22.2	8.8	8.2	31.5	36.1	29.3	11.5	1.2	8.2	12.7	4.4	189.0
	Giritale	3,000	5.0	7.5	3.0	2.8	10.6	12.2	9.9	3.9	0.4	2.8	4.3	1.5	63.7
	Kaudulla	14,500	24.4	36.1	14.3	13.4	51.3	58.7	47.7	18.7	2.0	13.3	20.8	7.2	308.0
	Kantalai	13,500	17.8	30.0	27.5	12.8	30.0	50.7	42.3	44.1	23.4	11.3	9.2	3.2	302.2
	Vendarasan	600	1.0	1.5	0.6	0.6	2.1	2.4	2.0	0.8	0.1	0.6	0.9	0.3	12.7
D2	Parakrama Samudra	10,100	15.4	21.0	6.5	8.3	35.6	40.0	35.2	16.9	1.3	12.0	13.3	2.6	208.1
E	-	6,100	7.4	12.6	6.2	6.0	26.2	29.3	24.1	6.5	0.0	5.7	11.8	2.5	138.3
F	Kalu Ganga	1,900	4.7	4.7	0.0	0.1	6.8	10.9	10.1	5.2	0.3	3.8	5.5	1.9	54.0
G	-	5,400	11.9	12.6	2.1	0.1	16.8	28.8	25.9	15.7	1.5	3.9	13.8	3.9	137.0
H *1	Kandalama	4,900	15.5	13.6	3.0	2.8	11.7	21.2	19.3	11.5	2.6	4.8	11.0	8.8	125.7
	Dambulu Oya	2,200	6.9	6.1	1.3	1.2	5.3	9.5	8.6	5.2	1.2	2.1	5.0	3.9	56.4
	Kalawewa	27,600	87.1	76.6	16.7	15.6	66.1	119.3	108.5	64.8	14.6	26.8	62.2	49.5	707.8
	Rajangana	6,700	21.1	18.6	4.0	3.8	16.1	29.0	26.3	15.7	3.6	6.5	15.1	12.0	171.8
	Angamuwa	1,000	3.2	2.8	0.6	0.6	2.4	4.3	3.9	2.3	0.5	1.0	2.3	1.8	25.6
IH	Nachchaduwa	2,830	7.9	8.0	1.8	2.2	9.7	12.6	10.4	3.2	0.7	1.7	5.6	4.6	68.3
	Nuwarawewa	1,100	3.1	3.1	0.7	0.9	3.8	4.9	4.0	1.2	0.3	0.7	2.2	1.8	26.6
	Tissawewa	400	1.1	1.1	0.3	0.3	1.4	1.8	1.5	0.4	0.1	0.2	0.8	0.6	9.7
	Bassawakkulamu	370	1.0	1.0	0.2	0.3	1.3	1.6	1.4	0.4	0.1	0.2	0.7	0.6	8.9
MH	Huruluwewa	4,300	13.5	13.4	3.0	4.1	16.6	20.2	17.1	5.4	1.1	3.3	10.8	8.5	117.0
	Huruluwewa Ext.	12,000	37.7	37.4	8.4	11.3	46.4	56.5	47.6	15.0	3.2	9.1	30.1	23.8	326.5
I	Mahakandalama	10,800	33.2	33.1	7.3	9.7	41.0	50.3	42.5	12.6	1.8	6.2	25.4	21.8	284.9
	Tammennawewa	27,000	83.1	82.7	18.3	24.3	102.5	125.8	106.1	31.6	4.6	15.5	63.4	54.4	712.3
	Maluwatu Oya *2	13,500	41.5	41.4	9.1	12.2	51.3	62.9	53.1	15.8	2.3	7.7	31.7	27.2	356.2
	Pavat Kulam	1,800	5.5	5.5	1.2	1.6	6.8	8.4	7.1	2.1	0.3	1.0	4.2	3.6	47.5
	Iratperiya	200	0.6	0.6	0.1	0.2	0.8	0.9	0.8	0.2	0.0	0.1	0.5	0.4	5.3
J	Pali Aru	9,000	25.1	22.9	4.0	0.3	24.0	42.1	40.3	20.5	1.1	3.9	15.0	9.7	208.9
	Vavunikulam	2,800	7.8	7.1	1.3	0.1	7.5	13.1	12.5	6.4	0.3	1.2	4.7	3.0	65.0
	Parangi Aru	10,000	27.8	25.5	4.5	0.3	26.7	46.8	44.8	22.8	1.2	4.3	16.6	10.8	232.2
K	Kanagalayan	9,000	22.5	20.7	3.6	0.3	28.1	46.5	43.5	22.2	1.2	3.0	11.1	7.0	209.8
L	Mukunuwewa	13,000	36.4	29.4	4.3	0.4	36.5	62.8	59.7	30.4	1.6	11.4	23.8	13.5	310.2
	Padawewa	5,600	15.7	12.7	1.9	0.2	15.7	27.0	25.7	13.1	0.7	4.9	10.3	5.8	133.6
	Kitulgala	16,000	44.8	36.2	5.3	0.5	44.9	77.2	73.5	37.4	1.9	14.1	29.3	16.6	381.8
M	Horoupotana	15,000	47.1	41.0	9.8	0.8	42.9	74.2	68.3	34.5	2.2	13.6	31.0	22.1	387.4
	Yan Oya	10,000	31.4	27.3	6.5	0.5	28.6	49.5	45.5	23.0	1.5	9.0	20.7	14.8	258.3
NWDZ	Galgamuwa	10,700	31.1	18.0	0.0	6.5	31.3	41.7	42.2	18.1	2.1	13.7	14.8	15.8	235.4
	Inginimitiya	2,550	7.9	4.6	0.0	3.1	10.5	11.5	7.9	0.0	0.0	2.8	4.5	4.9	57.8
-	Gallodai Aru	10,500	14.8	18.8	5.8	9.8	40.4	43.5	31.9	6.5	0.4	7.9	17.0	5.4	202.2
	Maha Oya	3,300	5.1	4.8	0.3	3.9	12.6	12.7	8.7	1.3	0.4	4.4	6.0	1.9	62.2
	Rumbukan Oya	3,000	4.9	4.9	0.1	3.8	11.9	11.8	8.0	1.1	0.3	3.8	6.0	1.9	58.5
	Rukan Oya	4,200	6.8	6.9	0.2	5.3	16.6	16.6	11.2	1.6	0.5	5.4	8.3	2.7	81.9
	Magalavatavan	13,400	12.9	14.2	3.8	15.2	58.4	59.3	46.3	12.2	1.6	7.7	17.0	5.6	254.2
	Unichchi	5,400	5.2	5.7	1.5	6.1	23.6	23.9	18.7	4.9	0.7	3.1	6.8	2.2	102.4

Remarks: *1 Crop Intensity CI=2.0
*2 Including Water Demand at Existing Giant Tank

Table I.2.5 FLOW DURATION AT MANAMPITIYA

Year	Maximum (m3/s)	95th days (m3/s)	185th days (m3/s)	275th days (m3/s)	355th days (m3/s)	Minimum (m3/s)	Remarks
1954	1511	295	165	107	81	75	
1955	1141	327	222	153	75	63	
1956	1450	175	118	83	48	41	
1957	3273	309	148	85	53	47	
1958	1869	293	172	104	54	49	
1959	1259	251	131	88	38	29	
1960	1676	305	190	127	84	59	
1961	1567	214	135	100	65	59	
1962	1179	253	158	102	69	57	
1963	1862	272	149	104	70	62	
1964	1742	231	145	100	53	43	
1965	1910	286	166	106	70	64	
1966	1372	257	142	82	55	49	
1967	1822	254	150	96	62	58	
1968	1114	230	150	92	57	49	
1969	1480	196	126	83	47	40	
1970	1423	253	139	96	60	40	
1971	1472	259	149	109	59	51	
1972	1507	275	127	69	36	27	
1973	1547	150	92	58	36	31	
1974	1425	190	127	87	40	29	
1975	1095	239	146	91	46	39	
1976	1360	132	50	23	13	11	
1977	1418	164	69	39	21	16	
1978	1815	230	101	53	26	19	
1979	1133	193	65	21	10	7	
1980	641	84	35	17	9	7	
1981	1269	98	46	28	12	9	
1982	1461	98	39	17	8	6	
1983	-	-	-	-	-	-	Insufficient data
1984	1328	228	98	24	5	3	
1985	1009	172	100	53	25	19	
1986	1580	166	72	36	13	12	
1987	915	162	80	29	10	6	
Average-1	1577	251	148	96	57	48	Period : 1954-1975
Average-2	1474	219	121	75	43	36	Period : 1954-1987
Average-3	1266	157	69	31	14	10	Period : 1976-1987

Remarks: Catchment Area : 7418 Sq.Km

Table I.2.6 GENERAL FEATURES OF EACH RESERVOIR AND TANK (PROPOSED)

Name of Reservoir	Catch-ment (km)	Dimension of Dam: Crest E.L. (m)	Crest Width (m)	Crest Height (m)	Crest Length (m)	F.S.L. (m)	L.W.L. (m)	Spill-way type	D.Q. (m^3/s)	Gate Nos.xBxH	Level	Length
- Hydropower and Multipurpose dam on Mahaweli River Basin												
Caledonia	235	1,065	10	70	270	1,360	1,341	G	2,530	15x12x3.5	1,360	-
Talawakelle	363	1,203	10	20	102	1,200	1,193	G	1,584	3x 8x12	1,200	-
Watawala	69	1,034	10	60	200	1,032	1,010	G	500	2x 8x 7	1,032	-
Ulapane	782	603	10	70	500	600	590	G	2,500	3x10x12	600	-
Sudu Ganga	305	329	10	55	400	325	300	G	1,950	3x8.5x12	325	-
Uma Scheme-1000	168	974	10	90	565	970	910	G	1,100	3x 7x 10	970	-
Uma Scheme-500	622	503	10	25	150	500	498	G	2,500	3x10x 12	500	-
Wewatenna	267	234	10	80	500	230	200	G	1,800	3x8.5x12	230	-
Kalu Ganga	204	175.0	10	50	3,060	170.0	148.0	G/C	2,000	3x 10x7	170	300
Kotmale Extension	562					731.5	665.0	G				-
- Irrigation Tank												
Horowupotana	950	69.5	8	24	3,100	65.5	58.0	G	5,600	6x 15x10	65.5	-
Yan oya	1,320	45.0	7	16	4,420	41.0	30.0	G	7,300	8x15x9.5	41.0	-
Kitulgala	104	89.0	7	18	3,100	85.0	73.0	C	1,100	-	85.0	300
Mukunuwewa	142	95.0	8	32	1,250	91.0	73.0	C	1,200	-	91.0	340
Galgamuwa	11	104.0	7	10	760	100.0	90.0	C	200	-	100.0	60
Tammanewewa	64	117.5	8	19	5,600	113.5	104.0	C	700	-	113.5	200
Malwatu	2,113	60.0	7	12	1,720	56.0	49.5	G	8,400	9x 15x8	56.0	-
Parangi Aru	427	60.0	8	19	5,600	56.0	47.0	C	2,300		56.0	600
Pali Aru	91	79.0	8	19	6,300	75.0	64.0	C	750	-	75.0	230
Kanagarayan	85	83.0	7	17	3,700	79.0	68.5	C	740	-	79.0	210
Gallodai Aru	95	89.5	8	24	2,000	85.5	63.0	C	1,000	-	85.5	170
Maha Oya	230	84.0	8	31	2,850	80.0	62.0	C	2,000		80.0	520
Ranbukkan Aru	140	84.0	8	31	2,600	80.0	60.0	C	950	-	80.0	260
Magalavatavan	115	77.0	8	43	1,900	73.0	50.0	C	1,100	-	73.0	310

Remarks: Type of spillway
* C: Overflow type
* G: Radial gate type

Table I.2.7 MAJOR FEATURES OF CANDIDATE HYDROPOWER SCHEMES (1/2)

Item	Unit	Watawala	Ulapane	Caledonia	Talawakele	Kotmale*1 Extension
1. General						
River		Mahaweli Ganga	Mahaweli Ganga	Kotmale Oya Mahaweli Ganga	Kotmale Oya Mahaweli Ganga	Kotmale Oya Mahaweli Ganga
Catchment area	(km2)	69	220	235	363	562
Annual average	(m3/s)	3.8	12.1	13.1	20.0	31.2
Runoff	(MCM)	119	381	412	631	984
2. Dam						
Type		Concrete gravity	Rockfill with Concrete gravity	Concrete gravity	Concrete gravity	Rockfill
Crest elevation	(EL. m)	1,034	603	1,365	1,203	735
Crest length	(m)	200	500	270	102	945
Height	(m)	60	70	70	20	95
Volume	(1000m3)	92	2,370	250	18	1,275
3. Spillway						
Design capacity	(m3/s)	800	6,500	2,470 (175 km2)	3,500 (297 km2)	5,560
Dimension nos.xBxH	(m)	2x8x7	3x18x15	15x12x3.5	3x8x12	3x14x15
4. Reservoir						
Flood water level	(EL. m)	1,032	600	1,363.5	1,200	732.8
High water level	(EL. m)	1,032	600	1,360	1,200	731.5
Rated water level	(EL. m)	1,024	597	1,353	1,198	723
Low water level	(EL. m)	1,010	590	1,341	1,193	665
Net storage volume	(MCM)	20	150	30	2	383
5. Headrace Tunnel						
Length	(m)	2,100	5,000	2,982	13,066	6560
Inside diameter	(m)	2.4	4.5	3.9	4.4	4.4
6. Surge Tank						
Height	(m)	55	50	55	93	168
Inside diameter	(m)	7	15	15	15	12
7. Penstock Tunnel/Line						
Type		Above-ground	Above-ground	Tunnel	Tunnel	Tunnel
Length	(m)	220	200	218	734	402
Inside diameter	(m)	2.2-1.7	2.8-2.4	4.1- 3.2	4.7-3.4	4.8-5.5
8. Power Station						
Firm discharge	(m3/s)	2.3	9.5	6.7	9.2	29.8
Max. plant discharge	(m3/s)	11.5	47.5	35.0	50.0	112.3
Gross head	(m)	192-170	120-110	167-141	545-490	251.5-185
Rated head	(m)	179	109	144	468	233
Installed capacity	(MW)	2x9	2x22	1x44	3x68	3x80
Dependable peak power	(MW)	15.9	40.6	44	204	39 *
Annual energy output	(GWh)	49	91	135	674	59 *
Firm		31	75	70	364	209 *
Secondary		18	16	65	310	-150 *
Type		Above-ground	Above-ground	Underground	Underground	Underground
Nos.of unit		2	3	1	3	3
Type of Turbine		Francis	Francis	Francis	Francis	V.Rrancis
Tailwater level	(EL-m)	840	480	1,200-1,193	731.5	480
9. Construction Cost	(US$ 1000)	44.2	117	156.4	215.7	236.6

Remarks: * shows incremental value.
*1 Referred to 'Kotmale Hydropower Project', Report on Future Raising of Dam and Spillway, October 1985, Halcrow Water

Table I.2.7 MAJOR FEATURES OF CANDIDATE HYDROPOWER SCHEMES (2/2)

Item	Unit	Upper Uma Oya Scheme - 1000	Lower Uma Oya Scheme - 500	Wewatanna	Sudu Ganga
1. General					
River		Uma Oya Mahaweli Ganga	Uma Oya Mahaweli Ganga	Badulu Oya Mahaweli Ganga	Sudu Gganga Mahaweli Ganga
Catchment area	(km2)	421	622	267	305
Annual average	(m3/s)	11.2	16.6	6.6	36.5
Runoff	(MCM))	394	523	207	1,152
2. Dam					
Type		Rockfill with Concrete gravity	Concrete gravity	Rockfill with Concrete gravity	Rockfill with Concrete gravity
Crest elevation	(EL. m)	973	502	233	328
Crest length	(m)	565	150	500	400
Height	(m)	90	25	80	55
Volume	(1000m3)	3,900	15	2,700	1,320
3. Spillway					
Design capacity	(m3/s)	1,700	3,700	1,500	2,000
Dimension nos.xBxH	(m)	3x7x10	3x10x12	3x8.5x12	3x9x12
4. Reservoir					
Flood water level	(EL. m)	970	500	230	325
High water level	(EL. m)	970	500	230	325
Rated water level	(EL. m)	947	498	220	317
Low water level	(EL. m)	910	495	200	300
Net storage volume	(MCM)	60	1.5	90	100
5. Headrace Tunnel					
Length	(m)	12,200	15,000	3,000	-
Inside diameter	(m)	4.5	4.8	3.1	-
6. Surge Tank					
Height	(m)	80	30	50	-
Inside diameter	(m)	15	15	12	-
7. Penstock Tunnel/Line					
Type		Tunnel	Tunnel	Above-ground	Above-ground
Length	(m)	700	1,000	150	120
Inside diameter	(m)	3.8-2.9	4.1-3.0	2.0-1.7	3.5-3.1
8. Power Station					
Firm discharge	(m3/s)	7.9	9.1	4.3	23.6
Max. plant discharge	(m3/s)	39.7	45.5	22.8	101.2
Gross head	(m)	470-400	297-263	125-90	55-30
Rated head	(m)	434	251	114	47
Installed capacity	(MW)	3x50	3x32	2x11	2x22.5
Dependable peak power	(MW)	128.9	96	19.7	23.8
Annual energy output	(GWh)	342	310	69	122
Firm		201	192	36	74
Secondary		141	118	33	48
Type		Above-ground	Under-ground	Above-ground	Above-ground
Nos.of unit		3	3	2	2
Type of Turbine		Pelton	Francis	Francis	Francis
Tailwater level	(EL-m)	500	232-203	105	270
9. Construction Cost	(US$1,000)	249.1	228.5	83.3	83.1

Table 1.2.8 PRINCIPAL FEATURES OF MAJOR IRRIGATION TANKS (EXISTING)

	Tank	Location of System	CA km2	Dam Type	Dam Length m	Dam Height m	FSWL El m	FSWL Storage MCM	LWL El m	LWL Storage MCM	Active Storage Capacity MCM
1	Dambulu Oya	H	342	E	Na	Na	162.2	11.7	160.0	5.4	6.3
2	Kandalama	H	98	E	975	17.1	176.2	33.8	169.2	3.8	30.0
3	Kalawewa	H	837	E	4,290	10.4	129.2	123.7	123.4	15.0	108.7
4	Rajangana	H	769	E	4,020	5.8	68.3	100.7	59.1	12.0	88.7
5	Angamuwa	H	130	E	2,220	7.9	64.3	15.8	59.6	-	-
6	Nachchaduwa	IH	611	E	1,650	10.7	101.7	55.7	98.6	17.9	37.8
7	Nuwarawewa	IH	84	E	6,770	10.7	87.4	44.5	82.8	7.4	37.1
8	Tissawewa	IH	5.2	E	2,650	6.4	91.5	4.3	88.8	1.0	3.3
9	Basawakkulam	IH	9.3	E	1,190	4.6	85.5	2.4	82.0	0.3	2.1
10	Huruluwewa	MH	199	E	2,370	12.2	132.3	67.8	126.3	11.1	56.7
11	Giritare	DI	24	E	520	15.4	92.1	23.9	82.0	1.7	22.2
12	Minneriya	DI	240	E	2,410	15	93.7	135.7	85.3	9.3	126.4
13	Kaudulla	DI	82	E	9,240	12	73.2	128.3	67.1	25.4	102.9
14	kantalai	DI	487	E	4,190	17	59.3	135.7	49.0	2.6	133.1
15	Vendarasan	DI	11	E	1,160	15	54.9	24.7	44.3		24.7
16	Parakrama Samudra	D2	73	E	13,580	10	59.1	134.4	53.3	31.5	102.9
17	Mapakadawewa	C	7.4	E	Na	Na	105.8	11.3	99.0	0.8	10.5
18	Dambarawewa	C	19	E	1,130	7.6	102.1	15.9	97.5	2.7	13.2
19	Soraborawewa	C	44	E	485	10.2	94.0	20.7	-	-	0.0
20	Ulhitiya/Ratkinda	C,B	282	E	4,960	25	106.7	145.3	104.4	10.0	135.3
21	Maduru Oya	B	453	RF	1,090	41.0	96.0	596.6	84.5	119.0	477.6
22	Pimburattawa	B	20	E	1,950	18.3	71.3	49.3	-	-	Na
23	Vakaneri	B	11	E	2,010	9.1	16.3	16.7	-	-	Na
24	Inginimitiya *2	NWDZ	557	E	1,430	18.2	61.6	65.4	55.2	5.2	60.2
25	Palukadawala	NWDZ	18	E	Na	Na	90.8	9.0	87.3	3.2	5.8
26	Mahakandarama	I	326	E	Na	6	94.8	46.5	89.6	5.9	40.6
27	Iratperiyakulam	I	32	E	Na	6.4	35.2	4.4	31.9	0.3	4.1
28	Pavatkulam	I	298	E	Na	8.8	71.2	33.3	67.1	2.3	31.0
29	Vavunikulam	J	228	E	Na	10.1	43.3	42.8	37.1	1.9	40.9
30	Padaviya	L	539	E	Na	9.8	53.6	104.8	-	-	Na
31	Tannimurippukulam	L	132	E	Na	9.8	23.2	18.5	18.7	0.7	17.8
32	Rukan	SEDZ	115	E	Na	5.5	23.8	22.9	(19.9)	0.8	22.1
33	Unnichchai	SEDZ	274	E	Na	10.7	28.7	50.8	21.0	1.2	49.6

	Tank	Irrigation Area Specified ha	Irrigation Area Estimated ha	Irri. Sluice or Canal LB m3/s	RB m3/s	Central m3/s	Others m3/s	Remarks
1	Dambulu Oya	2,100	-	5.7	-	-	-	LB=2,100ha Spill to Kal 37,600
2	Kandalama	4,900	-	8.2	(8.2)	-	-	LB=4900ha
3	Kalawewa	33,620	-	11.3	35.4	11.3	-	LB=6,100ha,RB=16,800HA,S3=4,700ha,Others=10,720ha
4	Rajangana	6,700	-	9.4		-	-	LB=6,700ha
5	Angamuwa	1,000	-	-		-	-	RB=1,000ha
6	Nachchaduwa	2,400	2,830		31.2	-	-	LB=2,400ha,RB=1,400
7	Nuwarawewa	1,000	1,100	0.9	0.9	0.9	-	1,000ha
8	Tissawewa	400	-		-	-	-	400ha
9	Basawakkulam	370	-		-	-	-	370ha
10	Huruluwewa	4,300	-	7.8	-	-	-	4,300ha
11	Giritare	3,000	3,040	7.1	-	-	-	3,000ha
12	Minneriya	8,900	-	12.2	-	-	34.00	8,900 Kaudulla,Kantalai=13800ha
13	Kaudulla	4,500	4,900	13.3	-	-	-	
14	kantalai	9,300	-	17.0	(17.0)	-		
15	Vendarasan	520	570		-	-	-	
16	Parakrama Samudra	10,100	-	14.2	(14.2)	-	-	
17	Mapakadawewa	700	-		-	-	-	Intake from Minipe RB Q=2.8 m3/s
18	Dambarawewa	600	610			-	-	do Q=2.8m3/s
19	Soraborawewa	500	810	1.7		-	-	do Q=2.8m3/s
20	Ulhitiya/Ratkinda			14.0	57.0	-	39.1	LB,RB(C)=20,600ha, B=38,300ha(Link T=5.6km)
21	Maduru Oya	38,300	-	65.0	28.0	-	-	LB=22,700ha, RB=15,600ha
22	Pimburattawa				-	-	-	
23	Vakaneri					-	-	LB,RB=3,660ha
24	Inginimitiya *2	2,550	-	3.0	1.8	-	-	LB=1,620ha,RB=930ha
25	Palukadawala	810	810		Na		-	Not used in water balance study.
26	Mahakandarama	2,470	2,830		Na			
27	Iratperiyakulam	200	220		Na			
28	Pavatkulam	1,670	1,780		Na			LB&RB=1,670ha
29	Vavunikulam	2,790	-		Na			
30	Padaviya	5,590	6,070		Na			
31	Tannimurippukulam	960	-		Na			
32	Rukan	3,440	4,250		Na			
33	Unnichchai	5,160	5,460		Na			

Remarks : E : Earth Fill
RF : Rock Fill
CA : Catchment Area
LB : Left Bank
RB : Right Bank
FSWL : Full Supply Water Level
LWL : Low Water Level

Source: REP *1 Data Base on Tanks in ID
*2 Ref.

Table I.2.9 (1/13) RESERVOIR AND TANK PARAMETERS

Dam Operation data JICA Water Balance

1 - 1 Watawala Reservoir M4 9

H m:	975.0	990.0	1000.0	1010.0	1020.0	1030.0	1040.0	1050.0	1060.0			
A km2:	0.0	0.1	0.2	0.4	0.7	1.0	1.4	1.9	2.4			
V MCM:	0.0	1.0	3.0	7.0	14.0	22.5	33.5	49.5	72.0			
FWL :	24.7 MCM ,		1032.0 m ,			Init.WL :	1025.0 m					
LWL :	7.0 MCM ,		1010.0 m									
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	100.0	100.0	100.0	100.0	90.0	80.0	80.0	80.0	80.0	90.0	100.0	100.0
RCL %:	40.0	30.0	30.0	20.0	10.0	0.0	0.0	0.0	10.0	20.0	30.0	30.0
RCU v:	24.7	24.7	24.7	24.7	22.9	21.2	21.2	21.2	21.2	22.9	24.7	24.7
RCL v:	14.1	12.3	12.3	10.5	8.8	7.0	7.0	7.0	8.8	10.5	12.3	12.3
FWL m:	1032.0	1032.0	1032.0	1032.0	1032.0	1032.0	1032.0	1032.0	1032.0	1032.0	1032.0	1032.0
RCU m:	1032.0	1032.0	1032.0	1032.0	1030.4	1028.4	1028.4	1028.4	1028.4	1030.4	1032.0	1032.0
RCL m:	1020.1	1017.6	1017.6	1015.1	1012.5	1010.0	1010.0	1010.0	1012.5	1015.1	1017.6	1017.6
LWL m:	1010.0	1010.0	1010.0	1010.0	1010.0	1010.0	1010.0	1010.0	1010.0	1010.0	1010.0	1010.0
EV mm:	103.0	97.0	97.0	105.0	125.0	137.0	115.0	117.0	113.0	114.0	117.0	119.0
P GWH:	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6

Head loss coeff.= 0.041100 , Qmax = 11.5 m3/s, Generator eff.= 0.980 , Tail WL = 840.0 m

1 - 2 Ulapane M5 6

H m:	535.0	560.0	580.0	600.0	620.0	640.0						
A km2:	0.0	1.7	8.8	18.3	24.6	30.8						
V MCM:	0.0	25.0	130.0	420.0	790.0	1364.0						
FWL :	420.0 MCM ,		600.0 m ,			Init.WL :	595.0 m					
LWL :	275.0 MCM ,		590.0 m									
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	100.0	100.0	100.0	100.0	90.0	80.0	80.0	80.0	80.0	90.0	100.0	100.0
RCL %:	40.0	30.0	30.0	20.0	10.0	0.0	0.0	0.0	10.0	20.0	30.0	30.0
RCU v:	420.0	420.0	420.0	420.0	405.5	391.0	391.0	391.0	391.0	405.5	420.0	420.0
RCL v:	333.0	318.5	318.5	304.0	289.5	275.0	275.0	275.0	289.5	304.0	318.5	318.5
FWL m:	600.0	600.0	600.0	600.0	600.0	600.0	600.0	600.0	600.0	600.0	600.0	600.0
RCU m:	600.0	600.0	600.0	600.0	599.0	598.0	598.0	598.0	598.0	599.0	600.0	600.0
RCL m:	594.0	593.0	593.0	592.0	591.0	590.0	590.0	590.0	591.0	592.0	593.0	593.0
LWL m:	590.0	590.0	590.0	590.0	590.0	590.0	590.0	590.0	590.0	590.0	590.0	590.0
EV mm:	103.0	97.0	97.0	105.0	125.0	137.0	115.0	117.0	113.0	114.0	117.0	119.0
P GWH:	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2

Head loss coeff.= 0.003440 , Qmax = 47.5 m3/s, Generator eff.= 0.980 , Tail WL = 480.0 m

1 - 3 Polgolla Barrage M6 4

H m:	438.0	439.0	440.0	440.8								
A km2:	0.6	0.8	1.0	1.2								
V MCM:	1.7	2.4	3.3	4.1								
FWL :	4.1 MCM ,		440.8 m ,			Init.WL :	440.0 m					
LWL :	2.0 MCM ,		438.4 m									
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
RCL %:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RCU v:	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
RCL v:	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
FWL m:	440.8	440.8	440.8	440.8	440.8	440.8	440.8	440.8	440.8	440.8	440.8	440.8
RCU m:	440.8	440.8	440.8	440.8	440.8	440.8	440.8	440.8	440.8	440.8	440.8	440.8
RCL m:	438.4	438.4	438.4	438.4	438.4	438.4	438.4	438.4	438.4	438.4	438.4	438.4
LWL m:	438.4	438.4	438.4	438.4	438.4	438.4	438.4	438.4	438.4	438.4	438.4	438.4
EV mm:	111.0	99.0	98.0	106.0	128.0	141.0	123.0	129.0	130.0	132.0	134.0	136.0
P GWH:	10.0	10.0	10.0	10.0	10.0	10.0	12.0	12.0	12.0	12.0	12.0	12.0

Head loss coeff.= 0.003480 , Qmax = 56.6 m3/s, Generator eff.= 0.980 , Tail WL = 354.1 m

1 - 4 Victoria Reservoir M7 20

H m:	340.0	350.0	355.0	360.0	365.0	370.0	375.0	380.0	385.0	390.0	395.0	400.0
H m:	405.0	410.0	415.0	420.0	425.0	430.0	435.0	440.0				
A km2:	0.0	0.7	1.1	1.6	1.9	2.3	2.7	3.3	4.0	4.9	5.9	6.9
A km2:	8.7	10.6	12.6	14.9	17.2	19.5	22.2	24.8				
V MCM:	0.0	4.0	9.0	15.0	24.0	34.0	47.0	62.0	80.0	102.0	129.0	161.0
V MCM:	200.0	248.0	306.0	375.0	455.0	547.0	651.0	768.0				
FWL :	721.2 MCM ,		438.0 m ,			Init.WL :	415.0 m					
LWL :	34.0 MCM ,		370.0 m									
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	90.0	100.0	100.0	100.0	100.0	100.0	100.0	90.0	90.0	90.0	90.0	90.0
RCL %:	10.0	20.0	30.0	30.0	20.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0
RCU v:	652.5	721.2	721.2	721.2	721.2	721.2	721.2	652.5	652.5	652.5	652.5	652.5
RCL v:	102.7	171.4	240.2	240.2	171.4	102.7	34.0	34.0	34.0	34.0	34.0	34.0
FWL m:	438.0	438.0	438.0	438.0	438.0	438.0	438.0	438.0	438.0	438.0	438.0	438.0
RCU m:	435.1	438.0	438.0	438.0	438.0	438.0	438.0	435.1	435.1	435.1	435.1	435.1
RCL m:	390.1	401.3	409.2	409.2	401.3	390.1	370.0	370.0	370.0	370.0	370.0	370.0
LWL m:	370.0	370.0	370.0	370.0	370.0	370.0	370.0	370.0	370.0	370.0	370.0	370.0
EV mm:	111.0	99.0	98.0	106.0	128.0	141.0	123.0	129.0	130.0	132.0	134.0	136.0
P GWH:	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2

Head loss coeff.= 0.000630 , Qmax = 140.0 m3/s, Generator eff.= 0.980 , Tail WL = 231.5 m

1 - 5 Randenigala Reservoir M8 7

H m:	203.0	205.0	210.0	220.0	230.0	235.0	236.2					
A km2:	14.4	15.2	17.2	20.6	23.2	24.1	24.3					
V MCM:	303.4	331.0	410.0	595.0	813.0	934.0	965.0					
FWL :	861.4 MCM ,		232.0 m ,			Init.WL :	220.0 m					
LWL :	303.4 MCM ,		203.0 m									
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	90.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	90.0	90.0	90.0	90.0
RCL %:	0.0	10.0	10.0	20.0	30.0	30.0	20.0	10.0	10.0	0.0	0.0	0.0
RCU v:	805.6	861.4	861.4	861.4	861.4	861.4	861.4	861.4	805.6	805.6	805.6	805.6
RCL v:	303.4	359.2	359.2	415.0	470.8	470.8	415.0	359.2	359.2	303.4	303.4	303.4
FWL m:	232.0	232.0	232.0	232.0	232.0	232.0	232.0	232.0	232.0	232.0	232.0	232.0
RCU m:	229.7	232.0	232.0	232.0	232.0	232.0	232.0	232.0	229.7	229.7	229.7	229.7
RCL m:	203.0	206.8	206.8	210.3	213.3	213.3	210.3	206.8	206.8	203.0	203.0	203.0
LWL m:	203.0	203.0	203.0	203.0	203.0	203.0	203.0	203.0	203.0	203.0	203.0	203.0
EV mm:	120.0	97.0	91.0	102.0	122.0	139.0	132.0	144.0	155.0	157.0	160.0	160.0
P GWH:	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3

Head loss coeff.= 0.000068 , Qmax = 180.0 m3/s, Generator eff.= 0.980 , Tail WL = 151.0 m

Table I.2.9 (2/13) RESERVOIR AND TANK PARAMETERS

Dam Operation data JICA Water Balance

1 - 6 Rantembe Reservoir						M9						8
H m:	120.0	125.0	130.0	135.0	140.0	145.0	150.0	155.0				
A km2:	0.0	0.0	0.1	0.2	0.5	0.9	1.5	2.3				
V MCM:	0.0	0.3	0.8	2.2	4.4	8.3	15.3	32.0				
FWL :	22.0 MCM ,		152.0 m ,			Init.WL :	150.0 m					
LWL :	4.4 MCM ,		140.0 m									
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	90.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	90.0	90.0	90.0	90.0
RCL %:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RCU v:	20.2	22.0	22.0	22.0	22.0	22.0	22.0	22.0	20.2	20.2	20.2	20.2
RCL v:	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
FWL m:	152.0	152.0	152.0	152.0	152.0	152.0	152.0	152.0	152.0	152.0	152.0	152.0
RCU m:	151.5	152.0	152.0	152.0	152.0	152.0	152.0	152.0	151.5	151.5	151.5	151.5
RCL m:	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0
LWL m:	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0
EV mm:	120.0	97.0	91.0	102.0	122.0	139.0	132.0	144.0	155.0	157.0	160.0	160.0
P GWH:	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0

Head loss coeff.= 0.000073 , Qmax = 180.0 m3/s, Generator eff.= 0.980 , Tail WL = 118.5 m

2 - 1 Sudu Ganga Reservoir						M16						8
H m:	265.0	270.0	280.0	290.0	300.0	310.0	320.0	330.0				
A km2:	0.0	0.1	0.7	2.1	3.2	4.1	5.0	6.2				
V MCM:	0.0	0.5	4.0	19.0	46.0	80.0	121.0	180.0				
FWL :	150.0 MCM ,		325.0 m ,			Init.WL :	315.0 m					
LWL :	46.0 MCM ,		300.0 m									
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	90.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	90.0	90.0	90.0	90.0
RCL %:	0.0	10.0	10.0	20.0	30.0	30.0	20.0	10.0	10.0	0.0	0.0	0.0
RCU v:	139.6	150.0	150.0	150.0	150.0	150.0	150.0	150.0	139.6	139.6	139.6	139.6
RCL v:	46.0	56.4	56.4	66.8	77.2	77.2	66.8	56.4	56.4	46.0	46.0	46.0
FWL m:	324.9	324.9	324.9	324.9	324.9	324.9	324.9	324.9	324.9	324.9	324.9	324.9
RCU m:	323.2	324.9	324.9	324.9	324.9	324.9	324.9	324.9	323.2	323.2	323.2	323.2
RCL m:	300.0	303.1	303.1	306.1	309.2	309.2	306.1	303.1	303.1	300.0	300.0	300.0
LWL m:	300.0	300.0	300.0	300.0	300.0	300.0	300.0	300.0	300.0	300.0	300.0	300.0
EV mm:	120.0	97.0	92.0	103.0	123.0	139.0	131.0	143.0	153.0	155.0	158.0	158.0
P GWH:	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0

Head loss coeff.= 0.000105 , Qmax = 101.2 m3/s, Generator eff.= 0.980 , Tail WL = 270.0 m

2 - 2 Bowatenna Reservoir						M17						8
H m:	232.8	240.8	242.6	245.1	247.5	250.5	251.8	252.8				
A km2:	0.0	2.1	2.6	3.5	4.5	5.7	6.1	6.1				
V MCM:	0.0	10.5	14.2	20.2	29.2	44.2	52.0	58.0				
FWL :	52.0 MCM ,		251.8 m ,			Init.WL :	247.0 m					
LWL :	17.1 MCM ,		243.8 m									
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
RCL %:	10.0	10.0	20.0	30.0	30.0	20.0	10.0	10.0	0.0	0.0	0.0	0.0
RCU v:	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
RCL v:	20.6	20.6	24.1	27.6	27.6	24.1	20.6	20.6	17.1	17.1	17.1	17.1
FWL m:	251.8	251.8	251.8	251.8	251.8	251.8	251.8	251.8	251.8	251.8	251.8	251.8
RCU m:	251.8	251.8	251.8	251.8	251.8	251.8	251.8	251.8	251.8	251.8	251.8	251.8
RCL m:	245.2	245.2	246.1	247.1	247.1	246.1	245.2	245.2	243.8	243.8	243.8	243.8
LWL m:	243.8	243.8	243.8	243.8	243.8	243.8	243.8	243.8	243.8	243.8	243.8	243.8
EV mm:	120.0	97.0	92.0	103.0	123.0	139.0	131.0	143.0	153.0	155.0	158.0	158.0
P GWH:	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5

Head loss coeff.= 0.000348 , Qmax = 94.9 m3/s, Generator eff.= 0.980 , Tail WL = 197.0 m

2 - 3 Moragahakanda Reservoir						M18						9
H m:	140.0	150.0	160.0	170.0	180.0	190.0	195.0	198.0	200.0			
A km2:	0.2	4.2	9.1	16.9	24.7	34.2	39.1	42.9	45.0			
V MCM:	0.4	21.7	87.7	217.2	424.8	719.4	902.8	1025.7	1113.6			
FWL :	902.8 MCM ,		195.0 m ,			Init.WL :	180.0 m					
LWL :	300.2 MCM ,		174.0 m									
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	90.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	90.0	90.0	90.0	90.0
RCL %:	0.0	10.0	10.0	20.0	30.0	30.0	20.0	10.0	10.0	0.0	0.0	0.0
RCU v:	842.5	902.8	902.8	902.8	902.8	902.8	902.8	902.8	842.5	842.5	842.5	842.5
RCL v:	300.2	360.5	360.5	420.7	481.0	481.0	420.7	360.5	360.5	300.2	300.2	300.2
FWL m:	195.0	195.0	195.0	195.0	195.0	195.0	195.0	195.0	195.0	195.0	195.0	195.0
RCU m:	193.4	195.0	195.0	195.0	195.0	195.0	195.0	195.0	193.4	193.4	193.4	193.4
RCL m:	174.0	176.9	176.9	179.8	181.9	181.9	179.8	176.9	176.9	174.0	174.0	174.0
LWL m:	174.0	174.0	174.0	174.0	174.0	174.0	174.0	174.0	174.0	174.0	174.0	174.0
EV mm:	120.0	97.0	92.0	103.0	123.0	139.0	131.0	143.0	153.0	155.0	158.0	158.0
P GWH:	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5

Head loss coeff.= 0.000131 , Qmax = 56.6 m3/s, Generator eff.= 0.980 , Tail WL = 139.0 m

3 - 1 Kalu Ganga Reservoir						M21						9
H m:	133.0	140.0	145.0	148.0	150.0	155.0	160.0	165.0	170.0			
A km2:	0.0	1.6	4.0	6.0	7.3	11.7	14.7	17.2	19.2			
V MCM:	0.0	7.0	25.0	40.0	55.0	97.0	165.0	240.0	330.0			
FWL :	330.0 MCM ,		170.0 m ,			Init.WL :	165.0 m					
LWL :	40.0 MCM ,		148.0 m									
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	70.0	80.0	100.0	100.0	100.0	100.0	100.0	70.0	50.0	50.0	50.0	70.0
RCL %:	0.0	10.0	10.0	20.0	30.0	30.0	20.0	10.0	0.0	0.0	0.0	0.0
RCU v:	243.0	272.0	330.0	330.0	330.0	330.0	330.0	243.0	185.0	185.0	185.0	243.0
RCL v:	40.0	69.0	69.0	98.0	127.0	127.0	98.0	69.0	40.0	40.0	40.0	40.0
FWL m:	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0
RCU m:	165.2	166.8	170.0	170.0	170.0	170.0	170.0	165.2	161.3	161.3	161.3	165.2
RCL m:	148.0	151.7	151.7	155.1	157.2	157.2	155.1	151.7	148.0	148.0	148.0	148.0
LWL m:	148.0	148.0	148.0	148.0	148.0	148.0	148.0	148.0	148.0	148.0	148.0	148.0
EV mm:	120.0	97.0	92.0	103.0	123.0	139.0	131.0	143.0	153.0	155.0	158.0	158.0
P GWH:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Head loss coeff.= 0.0 , Qmax = 15.0 m3/s, Generator eff.= 0.0 , Tail WL = 145.0 m

Table I.2.9 (3/13) RESERVOIR AND TANK PARAMETERS

Dam Operation data JICA Water Balance

4 - 1 Uma Oya 1000 Reservoir M12 8

H m:	900.0	920.0	940.0	960.0	980.0	1000.0	1020.0	1040.0
A km2:	0.0	0.2	0.8	1.4	1.8	2.2	2.8	3.5
V MCM:	0.0	10.0	24.0	51.0	76.0	114.0	162.0	246.0

FWL : 63.5 MCM , 970.0 m , Init.WL : 950.0 m
LWL : 10.0 MCM , 920.0 m

Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	90.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	90.0	90.0	90.0	90.0
RCL %:	0.0	10.0	10.0	20.0	30.0	30.0	20.0	10.0	10.0	0.0	0.0	0.0
RCU v:	58.2	63.5	63.5	63.5	63.5	63.5	63.5	63.5	58.2	58.2	58.2	58.2
RCL v:	10.0	15.4	15.4	20.7	26.0	26.0	20.7	15.4	15.4	10.0	10.0	10.0
FWL m:	970.0	970.0	970.0	970.0	970.0	970.0	970.0	970.0	970.0	970.0	970.0	970.0
RCU m:	965.7	970.0	970.0	970.0	970.0	970.0	970.0	970.0	965.7	965.7	965.7	965.7
RCL m:	920.0	927.6	927.6	935.3	941.5	941.5	935.3	927.6	927.6	920.0	920.0	920.0
LWL m:	920.0	920.0	920.0	920.0	920.0	920.0	920.0	920.0	920.0	920.0	920.0	920.0
EV mm:	120.0	97.0	91.0	102.0	122.0	139.0	132.0	144.0	155.0	157.0	160.0	160.0
P GWH:	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0

Head loss coeff.= 0.008390 , Qmax = 39.7 m3/s, Generator eff.= 0.980 , Tail WL = 498.0 m

4 - 2 Uma Oya 500 Reservoir M13 7

H m:	466.0	480.0	500.0	520.0	540.0	560.0	580.0
A km2:	0.0	0.1	0.3	0.6	0.9	1.5	2.4
V MCM:	0.0	0.5	5.5	15.0	30.0	56.5	92.0

FWL : 5.5 MCM , 500.0 m , Init.WL : 495.0 m
LWL : 4.0 MCM , 494.0 m

Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
RCL %:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RCU v:	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
RCL v:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
FWL m:	500.0	500.0	500.0	500.0	500.0	500.0	500.0	500.0	500.0	500.0	500.0	500.0
RCU m:	500.0	500.0	500.0	500.0	500.0	500.0	500.0	500.0	500.0	500.0	500.0	500.0
RCL m:	494.0	494.0	494.0	494.0	494.0	494.0	494.0	494.0	494.0	494.0	494.0	494.0
LWL m:	494.0	494.0	494.0	494.0	494.0	494.0	494.0	494.0	494.0	494.0	494.0	494.0
EV mm:	120.0	97.0	91.0	102.0	122.0	139.0	132.0	144.0	155.0	157.0	160.0	160.0
P GWH:	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0

Head loss coeff.= 0.007320 , Qmax = 45.5 m3/s, Generator eff.= 0.980 , Tail WL = 232.0 m

5 - 1 Caledonia Reservoir M1 8

H m:	1300.0	1310.0	1320.0	1330.0	1341.0	1350.0	1360.0	1370.0
A km2:	0.0	0.1	0.1	0.3	1.5	1.6	2.3	2.6
V MCM:	0.0	0.2	1.0	3.3	15.7	26.2	45.7	70.0

FWL : 45.7 MCM , 1360.0 m , Init.WL : 1355.0 m
LWL : 15.7 MCM , 1341.0 m

Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	100.0	100.0	100.0	100.0	90.0	80.0	80.0	80.0	80.0	90.0	100.0	100.0
RCL %:	20.0	20.0	10.0	10.0	10.0	0.0	0.0	0.0	0.0	10.0	10.0	20.0
RCU v:	45.7	45.7	45.7	45.7	42.7	39.7	39.7	39.7	39.7	42.7	45.7	45.7
RCL v:	21.7	21.7	18.7	18.7	18.7	15.7	15.7	15.7	15.7	18.7	18.7	21.7
FWL m:	1360.0	1360.0	1360.0	1360.0	1360.0	1360.0	1360.0	1360.0	1360.0	1360.0	1360.0	1360.0
RCU m:	1360.0	1360.0	1360.0	1360.0	1358.5	1356.9	1356.9	1356.9	1356.9	1358.5	1360.0	1360.0
RCL m:	1346.1	1346.1	1343.6	1343.6	1343.6	1341.0	1341.0	1341.0	1341.0	1343.6	1343.6	1346.1
LWL m:	1341.0	1341.0	1341.0	1341.0	1341.0	1341.0	1341.0	1341.0	1341.0	1341.0	1341.0	1341.0
EV mm:	103.0	97.0	97.0	105.0	125.0	137.0	115.0	117.0	113.0	114.0	117.0	119.0
P GWH:	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3

Head loss coeff.= 0.009140 , Qmax = 35.0 m3/s, Generator eff.= 0.980 , Tail WL = 1197.0 m

5 - 2 Talawakele Reservoir M2 4

H m:	1185.0	1193.0	1200.0	1210.0
A km2:	0.0	0.1	0.5	0.9
V MCM:	0.0	0.6	2.6	10.0

FWL : 2.6 MCM , 1200.0 m , Init.WL : 1195.0 m
LWL : 0.6 MCM , 1193.0 m

Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
RCL %:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RCU v:	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
RCL v:	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
FWL m:	1200.0	1200.0	1200.0	1200.0	1200.0	1200.0	1200.0	1200.0	1200.0	1200.0	1200.0	1200.0
RCU m:	1200.0	1200.0	1200.0	1200.0	1200.0	1200.0	1200.0	1200.0	1200.0	1200.0	1200.0	1200.0
RCL m:	1193.0	1193.0	1193.0	1193.0	1193.0	1193.0	1193.0	1193.0	1193.0	1193.0	1193.0	1193.0
LWL m:	1193.0	1193.0	1193.0	1193.0	1193.0	1193.0	1193.0	1193.0	1193.0	1193.0	1193.0	1193.0
EV mm:	103.0	97.0	97.0	105.0	125.0	137.0	115.0	117.0	113.0	114.0	117.0	119.0
P GWH:	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5

Head loss coeff.= 0.010800 , Qmax = 50.0 m3/s, Generator eff.= 0.980 , Tail WL = 703.0 m

5 - 3 Kotmale Reservoir M3 20

H m:	630.0	640.0	650.0	655.0	660.0	665.0	670.0	675.0	680.0	685.0	690.0	695.0
H m:	700.0	705.0	710.0	715.0	720.0	725.0	730.0	735.0				
A km2:	0.1	0.2	0.6	0.9	1.3	1.8	2.2	2.8	3.5	4.1	4.7	5.2
A km2:	5.9	6.7	7.3	7.9	8.5	9.2	10.0	10.8				
V MCM:	0.3	1.7	5.4	9.0	14.4	22.2	32.1	44.7	60.5	79.5	101.5	126.2
V MCM:	154.0	185.5	220.5	258.4	299.0	344.0	391.0	438.0				

FWL : 405.1 MCM , 731.5 m , Init.WL : 710.0 m
LWL : 22.2 MCM , 665.0 m

Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	100.0	100.0	100.0	100.0	90.0	80.0	80.0	80.0	80.0	90.0	100.0	100.0
RCL %:	40.0	30.0	30.0	20.0	10.0	0.0	0.0	0.0	10.0	20.0	30.0	30.0
RCU v:	405.1	405.1	405.1	405.1	366.8	328.5	328.5	328.5	328.5	366.8	405.1	405.1
RCL v:	175.4	137.1	137.1	98.8	60.5	22.2	22.2	22.2	60.5	98.8	137.1	137.1
FWL m:	731.5	731.5	731.5	731.5	731.5	731.5	731.5	731.5	731.5	731.5	731.5	731.5
RCU m:	731.5	731.5	731.5	731.5	727.4	723.3	723.3	723.3	723.3	727.4	731.5	731.5
RCL m:	703.4	697.0	697.0	689.4	680.0	665.0	665.0	665.0	680.0	689.4	697.0	697.0
LWL m:	665.0	665.0	665.0	665.0	665.0	665.0	665.0	665.0	665.0	665.0	665.0	665.0
EV mm:	103.0	97.0	97.0	105.0	125.0	137.0	115.0	117.0	113.0	114.0	117.0	119.0
P GWH:	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0

Head loss coeff.= 0.001150 , Qmax = 114.0 m3/s, Generator eff.= 0.980 , Tail WL = 479.0 m

Table I.2.9 (4/13) RESERVOIR AND TANK PARAMETERS

Dam Operation data JICA Water Balance

2- 1- 2	Dambulu Oya			<EXISTING>			1					13
H m:	158.5	158.8	159.1	159.4	160.0	160.6	161.6	161.9	162.2	162.5	163.1	163.4
H m:	164.0											
A km2:	1.5	1.7	1.9	2.1	2.5	2.9	3.4	3.9	4.1	4.4	4.9	5.1
A km2:	6.0											
V MCM:	2.5	3.0	3.5	4.1	5.4	6.9	8.6	10.5	11.7	13.2	16.3	17.9
V MCM:	20.0											
FWL :	11.7	MCM ,	162.2	m ,		Init.WL :	161.9	m				
LWL :	5.4	MCM ,	160.0	m								
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
RCL %:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RCU v:	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
RCL v:	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
FWL m:	162.2	162.2	162.2	162.2	162.2	162.2	162.2	162.2	162.2	162.2	162.2	162.2
RCU m:	162.2	162.2	162.2	162.2	162.2	162.2	162.2	162.2	162.2	162.2	162.2	162.2
RCL m:	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0
LWL m:	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0
EV mm:	143.0	108.0	102.0	118.0	134.0	189.0	174.0	198.0	207.0	220.0	220.0	207.0

2- 1- 3	Kala Wewa			<EXISTING>			2					15
H m:	118.9	119.8	120.7	121.6	122.5	123.4	124.4	125.3	126.2	126.8	127.4	128.0
H m:	128.6	129.2	131.4									
A km2:	0.0	0.7	2.0	4.1	6.3	8.3	11.1	14.2	17.6	20.2	22.7	25.8
A km2:	27.9	29.4	37.2									
V MCM:	0.0	0.3	1.5	4.3	8.8	15.0	24.3	36.3	50.6	62.4	75.0	89.0
V MCM:	106.2	123.4	194.1									
FWL :	123.4	MCM ,	129.2	m ,		Init.WL :	128.4	m				
LWL :	15.0	MCM ,	123.4	m								
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
RCL %:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RCU v:	123.4	123.4	123.4	123.4	123.4	123.4	123.4	123.4	123.4	123.4	123.4	123.4
RCL v:	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
FWL m:	129.2	129.2	129.2	129.2	129.2	129.2	129.2	129.2	129.2	129.2	129.2	129.2
RCU m:	129.2	129.2	129.2	129.2	129.2	129.2	129.2	129.2	129.2	129.2	129.2	129.2
RCL m:	123.4	123.4	123.4	123.4	123.4	123.4	123.4	123.4	123.4	123.4	123.4	123.4
LWL m:	123.4	123.4	123.4	123.4	123.4	123.4	123.4	123.4	123.4	123.4	123.4	123.4
EV mm:	143.0	108.0	102.0	118.0	134.0	189.0	174.0	198.0	207.0	220.0	220.0	207.0

2- 1- 4	Rajangaga Tank			<EXISTING>			3					15
H m:	57.6	58.8	59.4	60.7	61.9	62.5	63.7	64.9	65.5	66.1	66.8	67.4
H m:	68.0	68.3	68.4									
A km2:	3.2	4.1	4.6	5.7	7.1	7.9	9.5	11.1	11.9	12.8	13.8	14.7
A km2:	15.6	16.0	16.4									
V MCM:	6.3	10.8	13.5	19.7	27.5	32.1	42.7	55.2	62.2	69.8	77.9	86.6
V MCM:	95.8	100.7	104.9									
FWL :	100.7	MCM ,	68.3	m ,		Init.WL :	67.1	m				
LWL :	12.0	MCM ,	59.1	m								
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	30.0	40.0	50.0	60.0	70.0	80.0	70.0	60.0	50.0	40.0	30.0	30.0
RCL %:	0.0	0.0	0.0	0.0	10.0	10.0	10.0	0.0	0.0	0.0	0.0	0.0
RCU v:	38.6	47.5	56.3	65.2	74.1	83.0	74.1	65.2	56.3	47.5	38.6	38.6
RCL v:	12.0	12.0	12.0	12.0	20.9	20.9	20.9	12.0	12.0	12.0	12.0	12.0
FWL m:	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
RCU m:	63.2	64.2	65.0	65.7	66.5	67.1	66.5	65.7	65.0	64.2	63.2	63.2
RCL m:	59.1	59.1	59.1	59.1	60.9	60.9	60.9	59.1	59.1	59.1	59.1	59.1
LWL m:	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
EV mm:	143.0	108.0	102.0	118.0	134.0	189.0	174.0	198.0	207.0	220.0	220.0	207.0

2- 3- 1	Kandalama Tank			<EXISTING>			5					13
H m:	167.7	168.6	169.4	170.4	171.4	172.3	173.2	174.1	175.0	175.6	176.2	176.5
H m:	177.5											
A km2:	1.1	1.5	2.0	2.7	3.3	4.0	4.6	5.4	6.2	6.9	7.8	8.3
A km2:	10.5											
V MCM:	1.5	2.7	4.1	6.5	9.3	12.6	16.5	21.0	26.3	30.1	33.8	36.2
V MCM:	46.1											
FWL :	33.8	MCM ,	176.2	m ,		Init.WL :	175.2	m				
LWL :	3.8	MCM ,	169.2	m								
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	70.0	80.0	90.0	100.0	100.0	100.0	100.0	100.0	100.0	70.0	70.0	70.0
RCL %:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RCU v:	24.8	27.8	30.8	33.8	33.8	33.8	33.8	33.8	33.8	24.8	24.8	24.8
RCL v:	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
FWL m:	176.2	176.2	176.2	176.2	176.2	176.2	176.2	176.2	176.2	176.2	176.2	176.2
RCU m:	174.7	175.2	175.7	176.2	176.2	176.2	176.2	176.2	176.2	174.7	174.7	174.7
RCL m:	169.2	169.2	169.2	169.2	169.2	169.2	169.2	169.2	169.2	169.2	169.2	169.2
LWL m:	169.2	169.2	169.2	169.2	169.2	169.2	169.2	169.2	169.2	169.2	169.2	169.2
EV mm:	143.0	108.0	102.0	118.0	134.0	189.0	174.0	198.0	207.0	220.0	220.0	207.0

2- 4- 2	Galgamuwa			<EXISTING & PRPSD>			10					6
H m:	85.0	88.0	90.0	95.0	100.0	103.0						
A km2:	0.0	2.3	2.9	4.0	6.2	9.2						
V MCM:	0.0	8.0	13.0	30.5	58.0	96.0						
FWL :	58.0	MCM ,	100.0	m ,		Init.WL :	98.4	m				
LWL :	13.0	MCM ,	90.0	m								
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
RCL %:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RCU v:	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
RCL v:	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
FWL m:	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
RCU m:	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
RCL m:	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
LWL m:	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
EV mm:	143.0	108.0	102.0	118.0	134.0	189.0	174.0	198.0	207.0	220.0	220.0	207.0

Table I.2.9 (5/13) RESERVOIR AND TANK PARAMETERS

Dam Operation data JICA Water Balance

2- 4- 3	Inginimitiya			<EXISTING>			11					9
H m:	51.8	53.1	54.9	56.4	57.9	59.4	61.0	62.5	64.0			
A km2:	0.2	0.9	3.1	5.8	8.1	11.2	14.8	19.5	24.2			
V MCM:	0.0	0.8	3.9	10.6	21.2	35.9	55.7	81.8	115.2			
FWL :	65.4	MCM ,	61.6 m ,			Init.WL :	60.9 m					
LWL :	8.8	MCM ,	56.0 m									
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	30.0	40.0	50.0	60.0	70.0	80.0	70.0	60.0	50.0	40.0	30.0	30.0
RCL %:	0.0	0.0	10.0	20.0	20.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0
RCU v:	25.8	31.4	37.1	42.8	48.4	54.1	48.4	42.8	37.1	31.4	25.8	25.8
RCL v:	8.8	8.8	14.5	20.1	20.1	14.5	8.8	8.8	8.8	8.8	8.8	8.8
FWL m:	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
RCU m:	58.4	58.9	59.5	60.0	60.4	60.9	60.4	60.0	59.5	58.9	58.4	58.4
RCL m:	56.0	56.0	56.9	57.7	57.7	56.9	56.0	56.0	56.0	56.0	56.0	56.0
LWL m:	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
EV mm:	143.0	108.0	102.0	118.0	134.0	189.0	174.0	198.0	207.0	220.0	220.0	207.0

2- 5- 3	Nachchaduwa			<EXISTING>			6					15
H m:	94.1	94.7	95.3	95.9	96.5	97.1	97.7	98.3	98.6	98.9	99.6	100.2
H m:	100.8	101.7	103.6									
A km2:	0.5	1.1	1.6	2.5	3.5	4.6	6.1	7.8	8.6	9.5	11.3	13.0
A km2:	14.8	17.8	28.7									
V MCM:	0.1	0.9	1.7	3.0	4.8	8.2	10.4	14.7	17.9	19.9	25.9	33.8
V MCM:	43.2	55.7	92.8									
FWL :	55.7	MCM ,	101.7 m ,			Init.WL :	101.2 m					
LWL :	17.9	MCM ,	98.6 m									
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	60.0	60.0	60.0	70.0	90.0	100.0	100.0	50.0	50.0	50.0	50.0	70.0
RCL %:	10.0	10.0	10.0	10.0	20.0	20.0	10.0	10.0	0.0	0.0	0.0	0.0
RCU v:	40.6	40.6	40.6	44.4	51.9	55.7	55.7	36.8	36.8	36.8	36.8	44.4
RCL v:	21.7	21.7	21.7	21.7	25.5	25.5	21.7	21.7	17.9	17.9	17.9	17.9
FWL m:	101.7	101.7	101.7	101.7	101.7	101.7	101.7	101.7	101.7	101.7	101.7	101.7
RCU m:	100.6	100.6	100.6	100.9	101.4	101.7	101.7	100.4	100.4	100.4	100.4	100.9
RCL m:	99.1	99.1	99.1	99.1	99.5	99.5	99.1	99.1	98.6	98.6	98.6	98.6
LWL m:	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
EV mm:	143.0	108.0	102.0	118.0	134.0	189.0	174.0	198.0	207.0	220.0	220.0	207.0

2- 5- 4	Nuwara Wewa			<EXISTING>			7					12
H m:	80.4	81.0	81.3	81.9	82.5	82.8	83.7	84.7	85.6	86.5	87.4	88.5
A km2:	0.8	1.7	2.3	3.3	4.2	4.6	6.0	7.4	8.8	10.4	12.0	13.9
V MCM:	0.0	0.6	1.2	3.1	6.2	7.4	12.3	18.5	25.9	34.5	44.5	57.8
FWL :	44.5	MCM ,	87.4 m ,			Init.WL :	86.7 m					
LWL :	7.4	MCM ,	82.8 m									
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	80.0	80.0	80.0	90.0	90.0	100.0	100.0	70.0	50.0	50.0	50.0	70.0
RCL %:	10.0	10.0	10.0	10.0	20.0	20.0	10.0	0.0	0.0	0.0	0.0	0.0
RCU v:	37.1	37.1	37.1	40.8	40.8	44.5	44.5	33.4	25.9	25.9	25.9	33.4
RCL v:	11.1	11.1	11.1	11.1	14.8	14.8	11.1	7.4	7.4	7.4	7.4	7.4
FWL m:	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
RCU m:	86.7	86.7	86.7	87.1	87.1	87.4	87.4	86.4	85.6	85.6	85.6	86.4
RCL m:	83.5	83.5	83.5	83.5	84.1	84.1	83.5	82.8	82.8	82.8	82.8	82.8
LWL m:	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
EV mm:	143.0	108.0	102.0	118.0	134.0	189.0	174.0	198.0	207.0	220.0	220.0	207.0

2- 6- 1	Tissa Wewa			<EXISTING>			8					8
H m:	85.7	86.3	87.3	88.1	88.9	89.7	91.0	91.5				
A km2:	0.0	0.1	0.2	0.5	0.7	1.1	2.0	2.4				
V MCM:	0.0	0.1	0.2	0.6	1.1	1.8	3.8	4.3				
FWL :	4.3	MCM ,	91.5 m ,			Init.WL :	90.9 m					
LWL :	1.0	MCM ,	88.7 m									
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	80.0	80.0	80.0	90.0	90.0	100.0	100.0	70.0	50.0	50.0	50.0	70.0
RCL %:	10.0	10.0	10.0	10.0	20.0	20.0	10.0	0.0	0.0	0.0	0.0	0.0
RCU v:	3.6	3.6	3.6	4.0	4.0	4.3	4.3	3.3	2.7	2.7	2.7	3.3
RCL v:	1.3	1.3	1.3	1.3	1.7	1.7	1.3	1.0	1.0	1.0	1.0	1.0
FWL m:	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
RCU m:	90.9	90.9	90.9	91.2	91.2	91.5	91.5	90.7	90.3	90.3	90.3	90.7
RCL m:	89.2	89.2	89.2	89.2	89.5	89.5	89.2	88.7	88.7	88.7	88.7	88.7
LWL m:	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
EV mm:	143.0	108.0	102.0	118.0	134.0	189.0	174.0	198.0	207.0	220.0	220.0	207.0

2- 6- 2	Basawakkulama			<EXISTING>			9					10
H m:	80.5	81.1	81.7	82.6	83.2	83.8	84.4	85.0	85.2	85.5		
A km2:	0.0	0.1	0.2	0.4	0.6	0.7	0.8	0.9	1.0	1.1		
V MCM:	0.0	0.1	0.2	0.4	0.6	0.8	1.2	1.8	1.9	2.4		
FWL :	2.4	MCM ,	85.5 m ,			Init.WL :	85.2 m					
LWL :	0.3	MCM ,	82.2 m									
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	80.0	80.0	80.0	90.0	90.0	100.0	100.0	70.0	50.0	50.0	50.0	70.0
RCL %:	10.0	10.0	10.0	10.0	20.0	20.0	10.0	0.0	0.0	0.0	0.0	0.0
RCU v:	2.0	2.0	2.0	2.2	2.2	2.4	2.4	1.8	1.4	1.4	1.4	1.8
RCL v:	0.5	0.5	0.5	0.5	0.7	0.7	0.5	0.3	0.3	0.3	0.3	0.3
FWL m:	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
RCU m:	85.2	85.2	85.2	85.4	85.4	85.5	85.5	85.0	84.6	84.6	84.6	85.0
RCL m:	82.9	82.9	82.9	82.9	83.6	83.6	82.9	82.2	82.2	82.2	82.2	82.2
LWL m:	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
EV mm:	143.0	108.0	102.0	118.0	134.0	189.0	174.0	198.0	207.0	220.0	220.0	207.0

Table I.2.9 (6/13) RESERVOIR AND TANK PARAMETERS

Dam Operation data JICA Water Balance

2- 7- 1	Angamuwa			<EXISTING>			4					8
H m:	56.0	58.1	59.6	61.0	62.0	63.0	64.3	65.7				
A km2:	0.0	0.5	2.5	2.7	2.8	2.9	3.4	3.5				
V MCM:	0.0	0.5	2.4	6.0	8.8	11.7	15.8	20.1				
FWL :	15.8 MCM ,		64.3 m ,			Init.WL :	63.5 m					
LWL :	2.4 MCM ,		59.6 m									
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	30.0	40.0	50.0	60.0	70.0	80.0	70.0	60.0	50.0	40.0	30.0	30.0
RCL %:	0.0	0.0	10.0	20.0	20.0	10.0	20.0	0.0	0.0	0.0	0.0	0.0
RCU v:	6.4	7.8	9.1	10.4	11.8	13.1	11.8	10.4	9.1	7.8	6.4	6.4
RCL v:	2.4	2.4	3.7	5.1	5.1	3.7	5.1	2.4	2.4	2.4	2.4	2.4
FWL m:	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
RCU m:	61.2	61.6	62.1	62.6	63.0	63.5	63.0	62.6	62.1	61.6	61.2	61.2
RCL m:	59.6	59.6	60.1	60.6	60.6	60.1	60.6	59.6	59.6	59.6	59.6	59.6
LWL m:	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
EV mm:	143.0	108.0	102.0	118.0	134.0	189.0	174.0	198.0	207.0	220.0	220.0	207.0

3- 1- 1	Kiri Oya			<PROPOSED>			14					7
H m:	97.5	110.0	120.0	125.0	130.0	135.0	140.0					
A km2:	0.0	2.5	9.0	14.5	20.0	25.0	31.0					
V MCM:	0.0	10.7	67.0	133.0	217.0	326.0	467.0					
FWL :	0.0 MCM ,		97.5 m ,			Init.WL :	97.5 m					
LWL :	0.0 MCM ,		97.5 m									
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RCL %:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RCU v:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RCL v:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FWL m:	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
RCU m:	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
RCL m:	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
LWL m:	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
EV mm:	143.0	108.0	102.0	118.0	134.0	189.0	174.0	198.0	207.0	220.0	220.0	207.0

3- 1- 8	Pali Aru			<PROPOSED>			28					6
H m:	55.0	60.0	64.0	65.0	70.0	75.0						
A km2:	0.0	0.1	1.8	3.2	10.8	22.5						
V MCM:	0.0	0.2	4.0	7.0	36.0	135.0						
FWL :	135.0 MCM ,		75.0 m ,			Init.WL :	73.7 m					
LWL :	4.0 MCM ,		64.0 m									
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	70.0	80.0	80.0	90.0	90.0	100.0	100.0	70.0	50.0	50.0	50.0	70.0
RCL %:	10.0	10.0	10.0	10.0	20.0	20.0	10.0	10.0	0.0	0.0	0.0	0.0
RCU v:	95.7	108.8	108.8	121.9	121.9	135.0	135.0	95.7	69.5	69.5	69.5	95.7
RCL v:	17.1	17.1	17.1	17.1	30.2	30.2	17.1	17.1	4.0	4.0	4.0	4.0
FWL m:	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
RCU m:	73.0	73.7	73.7	74.3	74.3	75.0	75.0	73.0	71.7	71.7	71.7	73.0
RCL m:	66.7	66.7	66.7	66.7	69.0	69.0	66.7	66.7	64.0	64.0	64.0	64.0
LWL m:	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
EV mm:	143.0	108.0	102.0	118.0	134.0	189.0	174.0	198.0	207.0	220.0	220.0	207.0

3- 1- 9	Vavuni Kulam			<EXISTING>			29					7
H m:	36.0	37.2	38.4	39.6	40.8	42.1	43.3					
A km2:	0.8	2.0	3.2	4.9	7.5	10.4	12.8					
V MCM:	0.4	2.1	5.3	10.2	17.7	28.6	42.8					
FWL :	42.8 MCM ,		43.3 m ,			Init.WL :	42.6 m					
LWL :	1.9 MCM ,		37.1 m									
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	70.0	80.0	80.0	90.0	90.0	100.0	100.0	70.0	50.0	50.0	50.0	70.0
RCL %:	10.0	10.0	10.0	10.0	20.0	20.0	10.0	10.0	0.0	0.0	0.0	0.0
RCU v:	30.5	34.6	34.6	38.7	38.7	42.8	42.8	30.5	22.3	22.3	22.3	30.5
RCL v:	6.0	6.0	6.0	6.0	10.1	10.1	6.0	6.0	1.9	1.9	1.9	1.9
FWL m:	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
RCU m:	42.3	42.6	42.6	43.0	43.0	43.3	43.3	42.3	41.4	41.4	41.4	42.3
RCL m:	38.6	38.6	38.6	38.6	39.6	39.6	38.6	38.6	37.1	37.1	37.1	37.1
LWL m:	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
EV mm:	143.0	108.0	102.0	118.0	134.0	189.0	174.0	198.0	207.0	220.0	220.0	207.0

3- 2- 1	Hurulu Wewa			<EXISTING>			15					9
H m:	123.9	125.4	126.3	126.9	128.5	130.0	131.5	132.2	134.2			
A km2:	2.3	3.7	5.0	5.6	7.7	10.3	14.3	16.3	25.5			
V MCM:	2.8	7.3	11.1	14.3	24.4	37.8	56.3	67.8	93.1			
FWL :	67.8 MCM ,		132.2 m ,			Init.WL :	131.5 m					
LWL :	11.1 MCM ,		126.3 m									
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
RCL %:	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0
RCU v:	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
RCL v:	22.4	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	28.1
FWL m:	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2
RCU m:	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2	132.2
RCL m:	128.2	126.3	126.3	126.3	126.3	126.3	126.3	126.3	126.3	126.3	126.3	128.9
LWL m:	126.3	126.3	126.3	126.3	126.3	126.3	126.3	126.3	126.3	126.3	126.3	126.3
EV mm:	143.0	108.0	102.0	118.0	134.0	189.0	174.0	198.0	207.0	220.0	220.0	207.0

Table I.2.9 (7/13) RESERVOIR AND TANK PARAMETERS

Dam Operation data JICA Water Balance

3- 2- 2	Horoupotanna			<PROPOSED>			16						8
H m:	47.0	50.0	55.0	58.0	60.0	65.0	65.5	67.5					
A km2:	0.0	1.6	15.0	21.6	30.5	55.0	65.0	73.0					
V MCM:	0.0	1.0	15.0	70.0	140.0	380.0	410.0	510.0					
FWL :	410.0 MCM ,		65.5 m ,			Init.WL :	64.2 m						
LWL :	70.0 MCM ,		58.0 m										
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
RCU %:	70.0	80.0	80.0	90.0	90.0	100.0	100.0	70.0	50.0	50.0	50.0	70.0	
RCL %:	10.0	10.0	10.0	10.0	20.0	20.0	10.0	10.0	0.0	0.0	0.0	0.0	
RCU v:	308.0	342.0	342.0	376.0	376.0	410.0	410.0	308.0	240.0	240.0	240.0	308.0	
RCL v:	104.0	104.0	104.0	104.0	138.0	138.0	104.0	104.0	70.0	70.0	70.0	70.0	
FWL m:	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	
RCU m:	63.5	64.2	64.2	64.9	64.9	65.5	65.5	63.5	62.1	62.1	62.1	63.5	
RCL m:	59.0	59.0	59.0	59.0	59.9	59.9	59.0	59.0	58.0	58.0	58.0	58.0	
LWL m:	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	
EV mm:	143.0	108.0	102.0	118.0	134.0	189.0	174.0	198.0	207.0	220.0	220.0	207.0	

3- 2- 3	Yan Oya			<PROPOSED>			17						8
H m:	25.0	30.0	35.0	40.0	41.0	45.0	50.0	55.0					
A km2:	0.0	14.0	21.0	37.5	38.0	63.0	99.0	146.0					
V MCM:	0.0	15.0	90.0	260.0	292.0	420.0	820.0	1580.0					
FWL :	292.0 MCM ,		41.0 m ,			Init.WL :	39.3 m						
LWL :	15.0 MCM ,		30.0 m										
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
RCU %:	70.0	80.0	80.0	90.0	90.0	100.0	100.0	70.0	50.0	50.0	50.0	70.0	
RCL %:	10.0	10.0	10.0	10.0	20.0	20.0	10.0	10.0	0.0	0.0	0.0	0.0	
RCU v:	208.9	236.6	236.6	264.3	264.3	292.0	292.0	208.9	153.5	153.5	153.5	208.9	
RCL v:	42.7	42.7	42.7	42.7	70.4	70.4	42.7	42.7	15.0	15.0	15.0	15.0	
FWL m:	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	
RCU m:	38.5	39.3	39.3	40.1	40.1	41.0	41.0	38.5	36.9	36.9	36.9	38.5	
RCL m:	31.8	31.8	31.8	31.8	33.7	33.7	31.8	31.8	30.0	30.0	30.0	30.0	
LWL m:	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	
EV mm:	143.0	108.0	102.0	118.0	134.0	189.0	174.0	198.0	207.0	220.0	220.0	207.0	

3- 3- 1	Mahakanadarawa			<EXISTING>			18						8
H m:	89.0	89.6	90.5	91.4	92.4	93.3	94.2	94.8					
A km2:	0.0	2.8	4.1	5.9	7.7	10.1	12.8	14.6					
V MCM:	4.7	5.9	9.1	13.8	19.9	28.0	38.3	46.5					
FWL :	46.5 MCM ,		94.8 m ,			Init.WL :	94.2 m						
LWL :	5.9 MCM ,		89.6 m										
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
RCU %:	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
RCL %:	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	
RCU v:	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	
RCL v:	18.1	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	18.1	
FWL m:	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	
RCU m:	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	
RCL m:	92.1	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	92.1	
LWL m:	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	
EV mm:	143.0	108.0	102.0	118.0	134.0	189.0	174.0	198.0	207.0	220.0	220.0	207.0	

3- 3- 2	Malawatu Oya			<PROPOSED>			19						7
H m:	45.0	49.5	50.0	55.0	56.0	60.0	65.0						
A km2:	0.0	24.0	25.0	52.0	60.0	84.0	106.0						
V MCM:	0.0	55.0	65.0	245.0	314.0	590.0	1050.0						
FWL :	314.0 MCM ,		56.0 m ,			Init.WL :	55.2 m						
LWL :	55.0 MCM ,		49.5 m										
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
RCU %:	70.0	80.0	80.0	90.0	90.0	100.0	100.0	70.0	50.0	50.0	50.0	70.0	
RCL %:	10.0	10.0	10.0	10.0	20.0	20.0	10.0	10.0	0.0	0.0	0.0	0.0	
RCU v:	236.3	262.2	262.2	288.1	288.1	314.0	314.0	236.3	184.5	184.5	184.5	236.3	
RCL v:	80.9	80.9	80.9	80.9	106.8	106.8	80.9	80.9	55.0	55.0	55.0	55.0	
FWL m:	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	
RCU m:	54.8	55.2	55.2	55.6	55.6	56.0	56.0	54.8	53.3	53.3	53.3	54.8	
RCL m:	50.4	50.4	50.4	50.4	51.2	51.2	50.4	50.4	49.5	49.5	49.5	49.5	
LWL m:	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	
EV mm:	143.0	108.0	102.0	118.0	134.0	189.0	174.0	198.0	207.0	220.0	220.0	207.0	

3- 4- 1	Tammanne Wewa			<PROPOSED>			20						8
H m:	95.0	100.0	104.0	105.0	110.0	111.0	113.5	116.0					
A km2:	0.0	2.6	9.4	11.2	23.2	26.0	38.8	42.0					
V MCM:	0.0	8.0	32.0	40.0	128.0	155.0	236.0	320.0					
FWL :	236.0 MCM ,		113.5 m ,			Init.WL :	112.2 m						
LWL :	32.0 MCM ,		104.0 m										
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
RCU %:	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
RCL %:	40.0	0.0	0.0	0.0	0.0	30.0	20.0	0.0	0.0	0.0	20.0	40.0	
RCU v:	236.0	236.0	236.0	236.0	236.0	236.0	236.0	236.0	236.0	236.0	236.0	236.0	
RCL v:	113.6	32.0	32.0	32.0	32.0	93.2	72.8	32.0	32.0	32.0	72.8	113.6	
FWL m:	113.5	113.5	113.5	113.5	113.5	113.5	113.5	113.5	113.5	113.5	113.5	113.5	
RCU m:	113.5	113.5	113.5	113.5	113.5	113.5	113.5	113.5	113.5	113.5	113.5	113.5	
RCL m:	109.2	104.0	104.0	104.0	104.0	108.0	106.9	104.0	104.0	104.0	106.9	109.2	
LWL m:	104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0	104.0	
EV mm:	143.0	108.0	102.0	118.0	134.0	189.0	174.0	198.0	207.0	220.0	220.0	207.0	

Table I.2.9 (8/13) RESERVOIR AND TANK PARAMETERS

Dam Operation data JICA Water Balance

3- 5- 1	Mukunuwewa			<PROPOSED>			21					10
H m:	65.0	67.1	70.0	73.0	75.0	80.0	85.0	90.0	91.0	95.0		
A km2:	0.0	0.0	1.4	3.2	5.0	8.3	10.6	19.4	20.0	25.6		
V MCM:	0.0	0.2	2.0	9.0	18.0	50.0	102.0	180.0	197.0	283.0		
FWL :	197.0 MCM ,		91.0 m ,			Init.WL :	88.7 m					
LWL :	9.0 MCM ,		73.0 m									
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	70.0	80.0	80.0	90.0	90.0	100.0	100.0	70.0	50.0	50.0	50.0	70.0
RCL %:	10.0	10.0	10.0	10.0	20.0	20.0	10.0	10.0	0.0	0.0	0.0	0.0
RCU v:	140.6	159.4	159.4	178.2	178.2	197.0	197.0	140.6	103.0	103.0	103.0	140.6
RCL v:	27.8	27.8	27.8	27.8	46.6	46.6	27.8	27.8	9.0	9.0	9.0	9.0
FWL m:	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
RCU m:	87.5	88.7	88.7	89.9	89.9	91.0	91.0	87.5	85.1	85.1	85.1	87.5
RCL m:	76.5	76.5	76.5	76.5	79.5	79.5	76.5	76.5	73.0	73.0	73.0	73.0
LWL m:	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
EV mm:	143.0	108.0	102.0	118.0	134.0	189.0	174.0	198.0	207.0	220.0	220.0	207.0

3- 5- 2	Paduwiya			<EXISTING>			22					9
H m:	44.0	46.3	48.0	49.0	50.0	51.0	52.0	53.0	53.6			
A km2:	0.0	4.3	8.8	9.2	10.8	15.2	18.8	21.2	44.8			
V MCM:	0.0	4.9	16.0	25.0	35.0	48.0	65.0	85.0	104.8			
FWL :	104.8 MCM ,		53.6 m ,			Init.WL :	53.0 m					
LWL :	4.9 MCM ,		46.3 m									
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	70.0	80.0	80.0	90.0	90.0	100.0	100.0	70.0	50.0	50.0	50.0	70.0
RCL %:	10.0	10.0	10.0	10.0	20.0	20.0	10.0	10.0	0.0	0.0	0.0	0.0
RCU v:	74.8	84.8	84.8	94.8	94.8	104.8	104.8	74.8	54.9	54.9	54.9	74.8
RCL v:	14.9	14.9	14.9	14.9	24.9	24.9	14.9	14.9	4.9	4.9	4.9	4.9
FWL m:	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
RCU m:	52.5	53.0	53.0	53.3	53.3	53.6	53.6	52.5	51.4	51.4	51.4	52.5
RCL m:	47.8	47.8	47.8	47.8	49.0	49.0	47.8	47.8	46.3	46.3	46.3	46.3
LWL m:	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
EV mm:	143.0	108.0	102.0	118.0	134.0	189.0	174.0	198.0	207.0	220.0	220.0	207.0

3- 6- 1	Iratperiya Kulam			<EXISTING>			23					5
H m:	30.5	31.7	32.9	34.1	35.4							
A km2:	0.0	0.4	0.9	1.5	2.2							
V MCM:	0.0	0.2	1.0	2.5	4.7							
FWL :	4.4 MCM ,		35.2 m ,			Init.WL :	34.7 m					
LWL :	0.3 MCM ,		31.9 m									
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	70.0	80.0	80.0	90.0	90.0	100.0	100.0	70.0	50.0	50.0	50.0	70.0
RCL %:	10.0	10.0	10.0	10.0	20.0	20.0	10.0	10.0	0.0	0.0	0.0	0.0
RCU v:	3.2	3.6	3.6	4.0	4.0	4.4	4.4	3.2	2.3	2.3	2.3	3.2
RCL v:	0.7	0.7	0.7	0.7	1.1	1.1	0.7	0.7	0.3	0.3	0.3	0.3
FWL m:	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
RCU m:	34.5	34.7	34.7	35.0	35.0	35.2	35.2	34.5	34.0	34.0	34.0	34.5
RCL m:	32.5	32.5	32.5	32.5	33.0	33.0	32.5	32.5	31.9	31.9	31.9	31.9
LWL m:	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
EV mm:	143.0	108.0	102.0	118.0	134.0	189.0	174.0	198.0	207.0	220.0	220.0	207.0

3- 6- 2	Pavat Kulam			<EXISTING>			24					7
H m:	65.5	67.1	68.6	70.1	71.2	71.6	73.2					
A km2:	0.0	2.3	4.5	7.5	10.0	11.0	15.1					
V MCM:	0.6	4.1	10.9	22.3	33.3	39.2	62.1					
FWL :	33.3 MCM ,		71.2 m ,			Init.WL :	70.6 m					
LWL :	4.1 MCM ,		67.1 m									
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	70.0	80.0	80.0	90.0	90.0	100.0	100.0	70.0	50.0	50.0	50.0	70.0
RCL %:	10.0	10.0	10.0	10.0	20.0	20.0	10.0	10.0	0.0	0.0	0.0	0.0
RCU v:	24.5	27.5	27.5	30.4	30.4	33.3	33.3	24.5	18.7	18.7	18.7	24.5
RCL v:	7.0	7.0	7.0	7.0	9.9	9.9	7.0	7.0	4.1	4.1	4.1	4.1
FWL m:	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
RCU m:	70.3	70.6	70.6	70.9	70.9	71.2	71.2	70.3	69.6	69.6	69.6	70.3
RCL m:	67.7	67.7	67.7	67.7	68.4	68.4	67.7	67.7	67.1	67.1	67.1	67.1
LWL m:	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
EV mm:	143.0	108.0	102.0	118.0	134.0	189.0	174.0	198.0	207.0	220.0	220.0	207.0

3- 7- 1	Kitulgala			<PROPOSED>			25					6
H m:	61.0	70.0	73.0	75.0	80.0	85.0						
A km2:	0.0	0.4	1.4	1.7	4.1	8.3						
V MCM:	0.0	1.0	6.5	7.2	22.0	55.0						
FWL :	55.0 MCM ,		85.0 m ,			Init.WL :	83.5 m					
LWL :	6.5 MCM ,		73.0 m									
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	70.0	80.0	80.0	90.0	90.0	100.0	100.0	70.0	50.0	50.0	50.0	70.0
RCL %:	10.0	10.0	10.0	10.0	20.0	20.0	10.0	10.0	0.0	0.0	0.0	0.0
RCU v:	40.5	45.3	45.3	50.2	50.2	55.0	55.0	40.5	30.7	30.7	30.7	40.5
RCL v:	11.4	11.4	11.4	11.4	16.2	16.2	11.4	11.4	6.5	6.5	6.5	6.5
FWL m:	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
RCU m:	82.8	83.5	83.5	84.3	84.3	85.0	85.0	82.8	81.3	81.3	81.3	82.8
RCL m:	76.4	76.4	76.4	76.4	78.0	78.0	76.4	76.4	73.0	73.0	73.0	73.0
LWL m:	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
EV mm:	143.0	108.0	102.0	118.0	134.0	189.0	174.0	198.0	207.0	220.0	220.0	207.0

Table I.2.9 (9/13) RESERVOIR AND TANK PARAMETERS

Dam Operation data JICA Water Balance

3- 8- 1	Parangi Aru			<PROPOSED>			27					8
H m:	40.0	42.7	45.0	47.0	50.0	55.0	56.0	57.5				
A km2:	0.0	0.2	4.0	10.0	16.5	38.0	42.0	56.5				
V MCM:	0.0	0.3	12.0	26.0	70.0	234.0	286.0	370.0				
FWL :	286.0	MCM ,	56.0	m ,		Init.WL :	55.0	m				
LWL :	26.0	MCM ,	47.0	m								
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	70.0	80.0	80.0	90.0	90.0	100.0	100.0	70.0	50.0	50.0	50.0	70.0
RCL %:	10.0	10.0	10.0	10.0	20.0	20.0	10.0	10.0	0.0	0.0	0.0	0.0
RCU v:	208.0	234.0	234.0	260.0	260.0	286.0	286.0	208.0	156.0	156.0	156.0	208.0
RCL v:	52.0	52.0	52.0	52.0	78.0	78.0	52.0	52.0	26.0	26.0	26.0	26.0
FWL m:	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
RCU m:	54.2	55.0	55.0	55.5	55.5	56.0	56.0	54.2	52.6	52.6	52.6	54.2
RCL m:	48.8	48.8	48.8	48.8	50.2	50.2	48.8	48.8	47.0	47.0	47.0	47.0
LWL m:	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
EV mm:	143.0	108.0	102.0	118.0	134.0	189.0	174.0	198.0	207.0	220.0	220.0	207.0

3- 9- 1	Kanagarayan			<PROPOSED>			26					7
H m:	55.0	60.0	65.0	68.5	70.0	75.0	79.0					
A km2:	0.0	0.1	1.9	2.3	5.8	12.8	26.0					
V MCM:	0.0	0.5	3.5	11.0	16.0	43.0	110.0					
FWL :	110.0	MCM ,	79.0	m ,		Init.WL :	77.8	m				
LWL :	11.0	MCM ,	68.5	m								
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	70.0	80.0	80.0	90.0	90.0	100.0	100.0	70.0	50.0	50.0	50.0	70.0
RCL %:	10.0	10.0	10.0	10.0	20.0	20.0	20.0	10.0	0.0	0.0	0.0	0.0
RCU v:	80.3	90.2	90.2	100.1	100.1	110.0	110.0	80.3	60.5	60.5	60.5	80.3
RCL v:	20.9	20.9	20.9	20.9	30.8	30.8	30.8	20.9	11.0	11.0	11.0	11.0
FWL m:	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
RCU m:	77.2	77.8	77.8	78.4	78.4	79.0	79.0	77.2	76.0	76.0	76.0	77.2
RCL m:	70.9	70.9	70.9	70.9	72.7	72.7	72.7	70.9	68.5	68.5	68.5	68.5
LWL m:	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
EV mm:	143.0	108.0	102.0	118.0	134.0	189.0	174.0	198.0	207.0	220.0	220.0	207.0

5- 1- 1	Parakurama Samudra			<EXISTING>			36					14
H m:	51.5	53.0	53.6	54.3	55.5	56.1	56.4	56.7	57.0	57.3	57.8	58.5
H m:	59.1	59.4										
A km2:	6.8	9.5	11.1	12.7	15.8	17.4	18.2	18.8	19.6	20.0	22.3	23.7
A km2:	25.3	25.8										
V MCM:	18.5	28.5	34.5	43.2	58.0	67.8	74.6	80.8	86.3	91.3	106.1	119.7
V MCM:	134.4	142.3										
FWL :	134.4	MCM ,	59.1	m ,		Init.WL :	58.7	m				
LWL :	31.5	MCM ,	53.3	m								
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	50.0	80.0	80.0	90.0	90.0	100.0	100.0	50.0	30.0	30.0	30.0	50.0
RCL %:	10.0	10.0	10.0	10.0	20.0	20.0	10.0	10.0	0.0	0.0	0.0	0.0
RCU v:	82.9	113.8	113.8	124.1	124.1	134.4	134.4	82.9	62.4	62.4	62.4	82.9
RCL v:	41.8	41.8	41.8	41.8	52.1	52.1	41.8	41.8	31.5	31.5	31.5	31.5
FWL m:	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
RCU m:	56.8	58.2	58.2	58.7	58.7	59.1	59.1	56.8	55.8	55.8	55.8	56.8
RCL m:	54.2	54.2	54.2	54.2	55.0	55.0	54.2	54.2	53.3	53.3	53.3	53.3
LWL m:	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
EV mm:	143.0	108.0	102.0	118.0	134.0	189.0	174.0	198.0	207.0	220.0	220.0	207.0

6- 1- 3	Minneriya			<EXISTING>			32					11
H m:	82.1	83.6	85.1	86.3	87.5	88.0	90.0	91.2	92.4	93.7	95.3	
A km2:	1.0	2.4	5.2	7.9	10.9	13.0	15.9	18.9	21.7	24.8	28.3	
V MCM:	0.0	2.7	7.9	16.0	27.4	42.3	60.2	81.3	106.0	135.7	178.9	
FWL :	135.7	MCM ,	93.7	m ,		Init.WL :	93.7	m				
LWL :	9.3	MCM ,	85.3	m								
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	50.0	80.0	80.0	90.0	90.0	100.0	100.0	80.0	80.0	80.0	80.0	50.0
RCL %:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RCU v:	72.5	110.4	110.4	123.1	123.1	135.7	135.7	110.4	110.4	110.4	110.4	72.5
RCL v:	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
FWL m:	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
RCU m:	90.7	92.6	92.6	93.1	93.1	93.7	93.7	92.6	92.6	92.6	92.6	90.7
RCL m:	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
LWL m:	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
EV mm:	143.0	108.0	102.0	118.0	134.0	189.0	174.0	198.0	207.0	220.0	220.0	207.0

6- 1- 5	Kantalai			<EXISTING>			34					13
H m:	46.5	48.3	49.0	49.6	50.8	52.0	53.2	54.4	55.7	56.9	58.1	58.7
H m:	59.3											
A km2:	0.0	1.9	2.9	3.9	6.1	8.4	12.3	14.0	16.0	19.2	21.5	23.1
A km2:	24.2											
V MCM:	0.0	1.2	2.5	4.9	10.4	19.9	32.9	48.1	66.4	87.1	107.9	120.6
V MCM:	135.7											
FWL :	135.7	MCM ,	59.3	m ,		Init.WL :	58.8	m				
LWL :	2.6	MCM ,	49.0	m								
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	50.0	80.0	80.0	90.0	90.0	100.0	100.0	50.0	30.0	30.0	30.0	50.0
RCL %:	10.0	10.0	10.0	10.0	20.0	20.0	10.0	10.0	0.0	0.0	0.0	0.0
RCU v:	69.1	109.1	109.1	122.4	122.4	135.7	135.7	69.1	42.5	42.5	42.5	69.1
RCL v:	15.9	15.9	15.9	15.9	29.2	29.2	15.9	15.9	2.6	2.6	2.6	2.6
FWL m:	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
RCU m:	55.9	58.2	58.2	58.8	58.8	59.3	59.3	55.9	54.0	54.0	54.0	55.9
RCL m:	51.5	51.5	51.5	51.5	52.9	52.9	51.5	51.5	49.0	49.0	49.0	49.0
LWL m:	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
EV mm:	143.0	108.0	102.0	118.0	134.0	189.0	174.0	198.0	207.0	220.0	220.0	207.0

Table I.2.9 (10/13) RESERVOIR AND TANK PARAMETERS

Dam Operation data JICA Water Balance

6- 2- 1	Giritale			<EXISTING>			31					10
H m:	79.1	80.6	82.1	83.6	85.2	86.7	88.2	89.7	90.6	92.1		
A km2:	0.3	0.6	1.0	1.4	1.8	2.2	2.6	2.9	3.0	3.2		
V MCM:	0.0	0.6	1.8	3.5	6.0	9.0	12.7	16.9	19.6	23.9		
FWL :	23.9	MCM ,	92.1	m ,		Init.WL :	91.3	m				
LWL :	1.7	MCM ,	82.0	m								
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	50.0	80.0	80.0	90.0	90.0	100.0	100.0	50.0	30.0	30.0	30.0	50.0
RCL %:	10.0	10.0	10.0	10.0	20.0	20.0	10.0	10.0	0.0	0.0	0.0	0.0
RCU v:	12.8	19.5	19.5	21.7	21.7	23.9	23.9	12.8	8.4	8.4	8.4	12.8
RCL v:	3.9	3.9	3.9	3.9	6.1	6.1	3.9	3.9	1.7	1.7	1.7	1.7
FWL m:	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
RCU m:	88.2	90.6	90.6	91.3	91.3	92.1	92.1	88.2	86.4	86.4	86.4	88.2
RCL m:	83.9	83.9	83.9	83.9	85.3	85.3	83.9	83.9	82.0	82.0	82.0	82.0
LWL m:	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
EV mm:	143.0	108.0	102.0	118.0	134.0	189.0	174.0	198.0	207.0	220.0	220.0	207.0

6- 3- 1	Kaudulla			<EXISTING>			33					16
H m:	64.0	64.6	65.2	65.8	66.5	67.7	68.3	68.9	69.5	70.1	70.2	71.3
H m:	71.9	72.5	73.2	75.2								
A km2:	4.3	5.1	6.0	7.0	8.2	10.7	12.1	13.6	15.1	16.7	18.2	19.9
A km2:	21.6	23.4	25.6	32.4								
V MCM:	5.2	8.1	11.5	15.5	20.1	31.5	38.5	46.3	55.1	64.8	75.4	87.0
V MCM:	99.7	113.4	128.3	177.6								
FWL :	128.3	MCM ,	73.2	m ,		Init.WL :	72.7	m				
LWL :	25.4	MCM ,	67.1	m								
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	50.0	80.0	80.0	90.0	90.0	100.0	100.0	50.0	30.0	30.0	30.0	50.0
RCL %:	10.0	10.0	10.0	10.0	20.0	20.0	10.0	10.0	0.0	0.0	0.0	0.0
RCU v:	76.8	107.7	107.7	118.0	118.0	128.3	128.3	76.8	56.3	56.3	56.3	76.8
RCL v:	35.7	35.7	35.7	35.7	46.0	46.0	35.7	35.7	25.4	25.4	25.4	25.4
FWL m:	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
RCU m:	70.3	72.3	72.3	72.7	72.7	73.2	73.2	70.3	69.6	69.6	69.6	70.3
RCL m:	68.1	68.1	68.1	68.1	68.9	68.9	68.1	68.1	67.1	67.1	67.1	67.1
LWL m:	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
EV mm:	143.0	108.0	102.0	118.0	134.0	189.0	174.0	198.0	207.0	220.0	220.0	207.0

6- 4- 1	Vendarasan			<EXISTING>			35					6
H m:	40.0	42.8	44.3	48.0	51.0	54.9						
A km2:	0.0	0.6	1.0	1.6	3.2	4.9						
V MCM:	0.0	0.8	2.0	6.8	14.0	24.7						
FWL :	24.7	MCM ,	54.9	m ,		Init.WL :	54.1	m				
LWL :	2.0	MCM ,	44.3	m								
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	50.0	80.0	80.0	90.0	90.0	100.0	100.0	50.0	30.0	30.0	30.0	50.0
RCL %:	10.0	10.0	10.0	10.0	20.0	20.0	10.0	10.0	0.0	0.0	0.0	0.0
RCU v:	13.4	20.2	20.2	22.4	22.4	24.7	24.7	13.4	8.8	8.8	8.8	13.4
RCL v:	4.3	4.3	4.3	4.3	6.5	6.5	4.3	4.3	2.0	2.0	2.0	2.0
FWL m:	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
RCU m:	50.7	53.2	53.2	54.1	54.1	54.9	54.9	50.7	48.8	48.8	48.8	50.7
RCL m:	46.0	46.0	46.0	46.0	47.8	47.8	46.0	46.0	44.3	44.3	44.3	44.3
LWL m:	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
EV mm:	143.0	108.0	102.0	118.0	134.0	189.0	174.0	198.0	207.0	220.0	220.0	207.0

7- 1- 4	Ulhitiya/Ratkinda			<EXISTING>			41					11
H m:	90.0	92.0	94.0	96.0	98.0	100.0	102.0	104.4	106.0	106.7	108.0	
A km2:	0.0	1.0	2.5	4.5	7.0	9.0	12.8	17.5	21.1	22.3	25.8	
V MCM:	0.0	1.1	4.2	11.5	22.8	39.9	61.7	100.0	130.1	145.3	177.3	
FWL :	145.1	MCM ,	106.7	m ,		Init.WL :	106.7	m				
LWL :	100.0	MCM ,	104.4	m								
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	80.0	80.0	80.0	90.0	90.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
RCL %:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RCU v:	136.1	136.1	136.1	140.6	140.6	145.1	145.1	145.1	145.1	145.1	145.1	145.1
RCL v:	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
FWL m:	106.7	106.7	106.7	106.7	106.7	106.7	106.7	106.7	106.7	106.7	106.7	106.7
RCU m:	106.3	106.3	106.3	106.5	106.5	106.7	106.7	106.7	106.7	106.7	106.7	106.7
RCL m:	104.4	104.4	104.4	104.4	104.4	104.4	104.4	104.4	104.4	104.4	104.4	104.4
LWL m:	104.4	104.4	104.4	104.4	104.4	104.4	104.4	104.4	104.4	104.4	104.4	104.4
EV mm:	143.0	108.0	102.0	118.0	134.0	189.0	174.0	198.0	207.0	220.0	220.0	207.0

7- 1- 5	Maduru Oya			<EXISTING>			42					14
H m:	70.1	73.1	76.2	79.2	82.3	84.5	85.3	88.4	91.4	94.5	96.0	97.5
H m:	99.7	100.6										
A km2:	0.5	2.0	5.1	9.8	16.6	20.7	24.2	33.2	44.4	56.8	63.9	71.0
A km2:	80.5	85.8										
V MCM:	0.0	3.7	14.4	37.1	77.3	119.0	139.5	226.9	345.1	499.1	596.6	693.9
V MCM:	855.6	931.6										
FWL :	596.6	MCM ,	96.0	m ,		Init.WL :	95.3	m				
LWL :	119.0	MCM ,	84.5	m								
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	70.0	80.0	80.0	90.0	90.0	100.0	100.0	70.0	50.0	50.0	50.0	70.0
RCL %:	10.0	10.0	10.0	10.0	20.0	20.0	10.0	10.0	0.0	0.0	0.0	0.0
RCU v:	453.3	501.1	501.1	548.8	548.8	596.6	596.6	453.3	357.8	357.8	357.8	453.3
RCL v:	166.8	166.8	166.8	166.8	214.5	214.5	166.8	166.8	119.0	119.0	119.0	119.0
FWL m:	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
RCU m:	93.6	94.5	94.5	95.3	95.3	96.0	96.0	93.6	91.7	91.7	91.7	93.6
RCL m:	86.3	86.3	86.3	86.3	88.0	88.0	86.3	86.3	84.5	84.5	84.5	84.5
LWL m:	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
EV mm:	143.0	108.0	102.0	118.0	134.0	189.0	174.0	198.0	207.0	220.0	220.0	207.0

Table I.2.9 (11/13) RESERVOIR AND TANK PARAMETERS

Dam Operation data JICA Water Balance

7- 2- 1	Wewatanna			<PROPOSED>			37					8
H m:	140.0	160.0	180.0	200.0	210.0	220.0	230.0	240.0				
A km2:	0.0	0.1	0.5	1.7	2.4	3.6	4.7	5.8				
V MCM:	0.0	2.0	8.0	32.0	52.0	82.0	122.0	172.0				
FWL :	0.0 MCM ,		140.0 m ,			Init.WL :	140.0 m					
LWL :	0.0 MCM ,		140.0 m									
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RCL %:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RCU v:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RCL v:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FWL m:	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0
RCU m:	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0
RCL m:	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0
LWL m:	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0
EV mm:	120.0	97.0	92.0	103.0	123.0	139.0	131.0	143.0	153.0	155.0	158.0	158.0
P GWH:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Head loss coeff.= 0.00 , Qmax = 0.0 m3/s, Generator eff.= 0.0 , Tail WL = 140.0 m												

7- 3- 1	Mapakada			<EXISTING>			38					10
H m:	97.5	99.4	100.3	101.2	102.1	103.0	103.9	104.9	105.8	106.7		
A km2:	0.2	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.2		
V MCM:	0.2	1.0	1.7	2.6	3.6	4.8	6.1	7.7	9.5	11.3		
FWL :	9.5 MCM ,		105.8 m ,			Init.WL :	105.8 m					
LWL :	0.8 MCM ,		98.9 m									
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	50.0	80.0	80.0	90.0	90.0	100.0	100.0	50.0	30.0	30.0	30.0	50.0
RCL %:	10.0	10.0	10.0	10.0	20.0	20.0	10.0	10.0	0.0	0.0	0.0	0.0
RCU v:	5.2	7.8	7.8	8.6	8.6	9.5	9.5	5.2	3.4	3.4	3.4	5.2
RCL v:	1.7	1.7	1.7	1.7	2.5	2.5	1.7	1.7	0.8	0.8	0.8	0.8
FWL m:	105.8	105.8	105.8	105.8	105.8	105.8	105.8	105.8	105.8	105.8	105.8	105.8
RCU m:	103.2	104.9	104.9	105.4	105.4	105.8	105.8	103.2	101.9	101.9	101.9	103.2
RCL m:	100.3	100.3	100.3	100.3	101.1	101.1	100.3	100.3	98.9	98.9	98.9	98.9
LWL m:	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
EV mm:	143.0	108.0	102.0	118.0	134.0	189.0	174.0	198.0	207.0	220.0	220.0	207.0

7- 4- 1	Dambarawa			<EXISTING>			39					9
H m:	91.4	93.0	94.5	96.0	97.5	100.6	102.1	103.6	106.7			
A km2:	0.1	0.2	0.7	1.0	1.7	2.8	3.5	4.2	6.0			
V MCM:	2.2	2.4	3.1	4.3	6.4	13.3	18.1	23.9	39.4			
FWL :	18.1 MCM ,		102.1 m ,			Init.WL :	102.1 m					
LWL :	6.4 MCM ,		97.5 m									
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	50.0	80.0	80.0	90.0	90.0	100.0	100.0	50.0	30.0	30.0	30.0	50.0
RCL %:	10.0	10.0	10.0	10.0	20.0	20.0	10.0	10.0	0.0	0.0	0.0	0.0
RCU v:	12.2	15.8	15.8	16.9	16.9	18.1	18.1	12.2	9.9	9.9	9.9	12.2
RCL v:	7.6	7.6	7.6	7.6	8.7	8.7	7.6	7.6	6.4	6.4	6.4	6.4
FWL m:	102.1	102.1	102.1	102.1	102.1	102.1	102.1	102.1	102.1	102.1	102.1	102.1
RCU m:	100.1	101.4	101.4	101.7	101.7	102.1	102.1	100.1	99.1	99.1	99.1	100.1
RCL m:	98.0	98.0	98.0	98.0	98.6	98.6	98.0	98.0	97.5	97.5	97.5	97.5
LWL m:	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
EV mm:	143.0	108.0	102.0	118.0	134.0	189.0	174.0	198.0	207.0	220.0	220.0	207.0

7- 5- 1	Sorabora			<EXISTING>			40					7
H m:	87.7	89.0	90.0	91.0	92.0	93.0	94.0					
A km2:	0.1	0.2	3.4	4.0	4.6	5.4	6.0					
V MCM:	0.0	0.2	2.0	5.7	10.0	15.0	20.7					
FWL :	20.7 MCM ,		94.0 m ,			Init.WL :	94.0 m					
LWL :	3.8 MCM ,		90.5 m									
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	50.0	80.0	80.0	90.0	90.0	100.0	100.0	50.0	30.0	30.0	30.0	50.0
RCL %:	10.0	10.0	10.0	10.0	20.0	20.0	10.0	10.0	0.0	0.0	0.0	0.0
RCU v:	12.3	17.3	17.3	19.0	19.0	20.7	20.7	12.3	8.9	8.9	8.9	12.3
RCL v:	5.5	5.5	5.5	5.5	7.2	7.2	5.5	5.5	3.8	3.8	3.8	3.8
FWL m:	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
RCU m:	92.4	93.4	93.4	93.7	93.7	94.0	94.0	92.4	91.7	91.7	91.7	92.4
RCL m:	90.9	90.9	90.9	90.9	91.3	91.3	90.9	90.9	90.5	90.5	90.5	90.5
LWL m:	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
EV mm:	143.0	108.0	102.0	118.0	134.0	189.0	174.0	198.0	207.0	220.0	220.0	207.0

7- 6- 2	Pimburattewa			<EXISTING>			44					7
H m:	56.0	61.0	64.0	66.0	68.0	70.0	71.3					
A km2:	0.0	1.6	2.5	3.3	3.7	7.3	16.2					
V MCM:	0.0	4.0	10.2	16.0	23.0	34.0	49.3					
FWL :	49.3 MCM ,		71.3 m ,			Init.WL :	71.3 m					
LWL :	13.1 MCM ,		65.0 m									
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	70.0	80.0	80.0	90.0	90.0	100.0	100.0	70.0	50.0	50.0	50.0	70.0
RCL %:	10.0	10.0	10.0	10.0	20.0	20.0	10.0	10.0	0.0	0.0	0.0	0.0
RCU v:	38.4	42.1	42.1	45.7	45.7	49.3	49.3	38.4	31.2	31.2	31.2	38.4
RCL v:	16.7	16.7	16.7	16.7	20.3	20.3	16.7	16.7	13.1	13.1	13.1	13.1
FWL m:	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
RCU m:	70.4	70.7	70.7	71.0	71.0	71.3	71.3	70.4	69.5	69.5	69.5	70.4
RCL m:	66.2	66.2	66.2	66.2	67.2	67.2	66.2	66.2	65.0	65.0	65.0	65.0
LWL m:	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
EV mm:	143.0	108.0	102.0	118.0	134.0	189.0	174.0	198.0	207.0	220.0	220.0	207.0

Table I.2.9 (12/13) RESERVOIR AND TANK PARAMETERS

Dam Operation data JICA Water Balance

7- 7- 4	Magalavatavan			<PROPOSED>			48					9
H m:	43.0	50.0	55.0	60.0	65.0	70.0	73.0	75.0	80.0			
A km2:	0.0	0.8	3.0	5.5	9.8	14.3	16.0	18.0	22.4			
V MCM:	0.0	4.0	14.0	36.0	76.0	134.0	176.0	207.0	330.0			
FWL :	176.0 MCM ,		73.0 m ,			Init.WL :	71.8 m					
LWL :	4.0 MCM ,		50.0 m									
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	70.0	80.0	80.0	90.0	90.0	100.0	100.0	70.0	50.0	50.0	50.0	70.0
RCL %:	10.0	10.0	10.0	10.0	20.0	20.0	10.0	10.0	0.0	0.0	0.0	0.0
RCU v:	124.4	141.6	141.6	158.8	158.8	176.0	176.0	124.4	90.0	90.0	90.0	124.4
RCL v:	21.2	21.2	21.2	21.2	38.4	38.4	21.2	21.2	4.0	4.0	4.0	4.0
FWL m:	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
RCU m:	69.2	70.5	70.5	71.8	71.8	73.0	73.0	69.2	66.2	66.2	66.2	69.2
RCL m:	56.6	56.6	56.6	56.6	60.3	60.3	56.6	56.6	50.0	50.0	50.0	50.0
LWL m:	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
EV mm:	164.0	138.0	118.0	133.0	143.0	164.0	183.0	205.0	207.0	220.0	214.0	198.0
7- 7- 5	Unnichchi			<EXISTING>			50					10
H m:	20.1	21.3	22.6	23.8	25.0	26.2	27.4	28.7	29.9	30.5		
A km2:	0.3	2.0	3.4	5.2	7.1	8.4	9.7	10.7	11.8	12.4		
V MCM:	0.1	1.6	4.8	9.9	17.8	27.3	38.3	50.8	64.5	71.9		
FWL :	50.8 MCM ,		28.7 m ,			Init.WL :	28.2 m					
LWL :	1.2 MCM ,		21.0 m									
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	70.0	80.0	80.0	90.0	90.0	100.0	100.0	70.0	50.0	50.0	50.0	70.0
RCL %:	10.0	10.0	10.0	10.0	20.0	20.0	10.0	10.0	0.0	0.0	0.0	0.0
RCU v:	35.9	40.9	40.9	45.8	45.8	50.8	50.8	35.9	26.0	26.0	26.0	35.9
RCL v:	6.2	6.2	6.2	6.2	11.1	11.1	6.2	6.2	1.2	1.2	1.2	1.2
FWL m:	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
RCU m:	27.1	27.7	27.7	28.2	28.2	28.7	28.7	27.1	26.0	26.0	26.0	27.1
RCL m:	22.9	22.9	22.9	22.9	24.0	24.0	22.9	22.9	21.0	21.0	21.0	21.0
LWL m:	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
EV mm:	164.0	138.0	118.0	133.0	143.0	164.0	183.0	205.0	207.0	220.0	214.0	198.0
7- 8- 1	Gallodai Aru			<PROPOSED>			45					11
H m:	55.0	60.0	63.0	65.0	70.0	75.0	80.0	85.0	85.5	90.0	92.0	
A km2:	0.0	2.0	2.5	3.0	4.5	7.2	13.5	18.2	19.0	26.8	31.0	
V MCM:	0.0	2.5	7.0	12.5	30.0	55.0	117.0	200.0	210.0	312.0	382.0	
FWL :	210.0 MCM ,		85.5 m ,			Init.WL :	84.4 m					
LWL :	7.0 MCM ,		63.0 m									
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	70.0	80.0	80.0	90.0	90.0	100.0	100.0	70.0	50.0	50.0	50.0	70.0
RCL %:	10.0	10.0	10.0	10.0	20.0	20.0	10.0	10.0	0.0	0.0	0.0	0.0
RCU v:	149.1	169.4	169.4	189.7	189.7	210.0	210.0	149.1	108.5	108.5	108.5	149.1
RCL v:	27.3	27.3	27.3	27.3	47.6	47.6	27.3	27.3	7.0	7.0	7.0	7.0
FWL m:	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
RCU m:	81.9	83.2	83.2	84.4	84.4	85.5	85.5	81.9	79.3	79.3	79.3	81.9
RCL m:	69.2	69.2	69.2	69.2	73.5	73.5	69.2	69.2	63.0	63.0	63.0	63.0
LWL m:	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
EV mm:	164.0	138.0	118.0	133.0	143.0	164.0	183.0	205.0	207.0	220.0	214.0	198.0
7- 9- 1	Maha Oya			<PROPOSED>			46					9
H m:	50.2	55.0	60.0	62.0	65.0	70.0	75.0	80.0	85.0			
A km2:	0.0	0.7	2.0	2.4	5.3	11.0	17.6	23.6	29.2			
V MCM:	0.0	2.0	8.0	14.0	28.0	73.0	142.0	232.0	368.0			
FWL :	232.0 MCM ,		80.0 m ,			Init.WL :	78.8 m					
LWL :	14.0 MCM ,		62.0 m									
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	70.0	80.0	80.0	90.0	90.0	100.0	100.0	70.0	50.0	50.0	50.0	70.0
RCL %:	10.0	10.0	10.0	10.0	20.0	20.0	10.0	10.0	0.0	0.0	0.0	0.0
RCU v:	166.6	188.4	188.4	210.2	210.2	232.0	232.0	166.6	123.0	123.0	123.0	166.6
RCL v:	35.8	35.8	35.8	35.8	57.6	57.6	35.8	35.8	14.0	14.0	14.0	14.0
FWL m:	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
RCU m:	76.4	77.6	77.6	78.8	78.8	80.0	80.0	76.4	73.6	73.6	73.6	76.4
RCL m:	65.9	65.9	65.9	65.9	68.3	68.3	65.9	65.9	62.0	62.0	62.0	62.0
LWL m:	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
EV mm:	164.0	138.0	118.0	133.0	143.0	164.0	183.0	205.0	207.0	220.0	214.0	198.0
7-10- 1	Rambukkan Oya			<PROPOSED>			47					8
H m:	50.2	55.0	60.0	65.0	70.0	75.0	80.0	85.0				
A km2:	0.0	0.3	1.3	4.0	7.8	12.2	16.2	22.8				
V MCM:	0.0	0.6	6.0	21.0	49.0	101.0	170.0	268.0				
FWL :	170.0 MCM ,		80.0 m ,			Init.WL :	78.8 m					
LWL :	6.0 MCM ,		60.0 m									
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
RCU %:	70.0	80.0	80.0	90.0	90.0	100.0	100.0	70.0	50.0	50.0	50.0	70.0
RCL %:	10.0	10.0	10.0	10.0	20.0	20.0	10.0	10.0	0.0	0.0	0.0	0.0
RCU v:	120.8	137.2	137.2	153.6	153.6	170.0	170.0	120.8	88.0	88.0	88.0	120.8
RCL v:	22.4	22.4	22.4	22.4	38.8	38.8	22.4	22.4	6.0	6.0	6.0	6.0
FWL m:	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
RCU m:	76.4	77.6	77.6	78.8	78.8	80.0	80.0	76.4	73.7	73.7	73.7	76.4
RCL m:	65.2	65.2	65.2	65.2	68.2	68.2	65.2	65.2	60.0	60.0	60.0	60.0
LWL m:	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
EV mm:	164.0	138.0	118.0	133.0	143.0	164.0	183.0	205.0	207.0	220.0	214.0	198.0

Table I.2.9 (13/13) RESERVOIR AND TANK PARAMETERS

Dam Operation data JICA Water Balance

7-11- 1	Rukam			<EXISTING>			49						8
H m:	19.0	19.9	20.8	21.8	22.7	23.3	23.8	24.2					
A km2:	0.6	1.2	2.8	5.6	8.5	9.5	10.0	10.5					
V MCM:	0.0	0.8	2.6	6.3	12.9	18.4	22.9	27.6					
FWL :	22.9	MCM ,	23.8	m ,		Init.WL :	23.6	m					
LWL :	0.8	MCM ,	19.9	m									
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
RCU %:	70.0	80.0	80.0	90.0	90.0	100.0	100.0	70.0	50.0	50.0	50.0	70.0	
RCL %:	10.0	10.0	10.0	10.0	20.0	20.0	10.0	10.0	0.0	0.0	0.0	0.0	
RCU v:	16.3	18.5	18.5	20.7	20.7	22.9	22.9	16.3	11.9	11.9	11.9	16.3	
RCL v:	3.0	3.0	3.0	3.0	5.2	5.2	3.0	3.0	0.8	0.8	0.8	0.8	
FWL m:	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	
RCU m:	23.1	23.3	23.3	23.6	23.6	23.8	23.8	23.1	22.6	22.6	22.6	23.1	
RCL m:	20.9	20.9	20.9	20.9	21.5	21.5	20.9	20.9	19.9	19.9	19.9	19.9	
LWL m:	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	
EV mm:	164.0	138.0	118.0	133.0	143.0	164.0	183.0	205.0	207.0	220.0	214.0	198.0	

7-12- 1	Vakaner1			<EXISTING>			43						11
H m:	10.5	11.1	11.7	12.3	12.9	13.5	14.1	14.7	15.3	16.0	16.6		
A km2:	0.6	1.3	1.8	2.3	2.7	3.1	3.5	3.8	4.2	4.6	4.9		
V MCM:	0.0	0.6	1.5	2.7	4.3	6.0	8.0	10.2	12.7	15.4	18.2		
FWL :	16.7	MCM ,	16.3	m ,		Init.WL :	16.0	m					
LWL :	3.2	MCM ,	12.5	m									
Month:	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
RCU %:	70.0	80.0	80.0	90.0	90.0	100.0	100.0	70.0	50.0	50.0	50.0	70.0	
RCL %:	10.0	10.0	10.0	10.0	20.0	20.0	10.0	10.0	0.0	0.0	0.0	0.0	
RCU v:	12.7	14.0	14.0	15.4	15.4	16.7	16.7	12.7	10.0	10.0	10.0	12.7	
RCL v:	4.6	4.6	4.6	4.6	5.9	5.9	4.6	4.6	3.2	3.2	3.2	3.2	
FWL m:	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	
RCU m:	15.3	15.6	15.6	16.0	16.0	16.3	16.3	15.3	14.6	14.6	14.6	15.3	
RCL m:	13.0	13.0	13.0	13.0	13.5	13.5	13.0	13.0	12.5	12.5	12.5	12.5	
LWL m:	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	
EV mm:	164.0	138.0	118.0	133.0	143.0	164.0	183.0	205.0	207.0	220.0	214.0	198.0	

Table I.2.10 CONVEYANCE CANAL CAPACITY

(Unit: m3/s)

Polgolla D. Runcase Canal No.	875 MCM										1,280 MCM			
	A118		A145		B151		C145		D109		A209		A242	
	Canal Capacity		Canal Capacity		Canal Capacity		Canal Capacity		Canal Capacity		Canal Capacity		Canal Capacity	
1.	28.3	T(E)	56.6	T(P)	56.6	T(P)	56.6	T(P)	28.3	T(E)	28.3	T(E)	56.6	T(P)
2.	-	R	-	R	-	R	-	R	-		-	R	-	R
3.	-	R	-	R	-	R	-	R	-		-	R	-	R
4.	-	R	-	R	-	R	-	R	-		-	R	-	R
5.	-	R	-	R	-	R	-	R	-		-	R	-	R
6.	8.5	E	8.5	E	8.5	E	8.5	E	8.5	E	8.5	E	8.5	E
7.	35.5	E	35.5	E	35.5	E	35.5	E	35.5	E	35.5	E	35.5	E
8.	7.0	E	7.0	E	7.0	E	7.0	E	7.0	E	7.0	E	7.0	E
9.	-	R	-	R	-	R	-	R	-	R	-	R	-	R
10.	8.0	E	8.0	E	8.0	E	8.0	E	8.0	E	8.0	E	8.0	E
11.	-	R	-	R	-	R	-	R	-	R	-	R	-	R
12.	-	R	25.0	P	25.0	P	25.0	P	-	-	-	-	25.0	P
13.	-	R	-	R	-	R	-	R	-	-	-	-	-	R
14.	15.0	P	15.0	P	80.0	P	15.0	P	-	-	15.0	P	15.0	P
15.	75.0	P	80.0	P	80.0	P	80.0	P	-	-	70.0	P	70.0	P
16.	21.2	E	21.2	E	21.2	E	21.2	E	21.2	-	21.2	E	21.2	E
17.	60.0	P	65.0	P	65.0	Ps	65.0	P	-	-	55.0	P	55.0	P
19.	60.0	P	55.0	P	90.0	P	45.0	P	-	-	75.0	P	70.0	P
20.	90.0	P	90.0	P	90.0	P	90.0	P	-	-	90.0	P	90.0	P
21.	30.0	P	30.0	P	30.0	P	30.0	P	-	-	30.0	P	30.0	P
22.	-	R	-	R	-	R	-	R	-	R	-	R	-	R
23.	-	R	-	R	-	R	-	R	-	-	-	R	-	R
24.	60.0	P	60.0	P	60.0	P	60.0	P	-	-	60.0	P	60.0	P
25.	20.0	P	20.0	P	20.0	P	20.0	P	-	-	20.0	P	20.0	P
26.	-	R	-	R	-	R	-	R	-	-	-	R	-	R
27.	40.0	P	40.0	P	40.0	P	40.0	P	-	-	40.0	P	40.0	P
28.	40.0	P	40.0	P	40.0	P	40.0	E	-	-	40.0	P	40.0	P
43.	56.6	E	56.6	E	56.6	E	56.6	E	56.6	E	56.6	E	56.6	E
44.	56.6	E	56.6	E	56.6	E	56.6	E	56.6	E	56.6	E	56.6	E
45.	-	E	-		56.6	E	56.6	E	-	-	-	-	-	-
46.	60.0	P	65.0	P	56.6	E	56.6	E	56.6	E	55.0	P	55.0	P
47.	30.0	E	30.0	E	30.0	E	30.0	E	30.0	E	30.0	E	30.0	E
48.	60.0	P	65.0	P	56.6	E	56.6	E	56.6	E	55.0	P	55.0	P
49.	56.6	E	56.6	E	56.6	E	-	-	56.6	E	56.6	E	56.6	E
50.	56.6	E	56.6	E	56.6	E	56.6	E	56.6	E	56.6	E	56.6	E
51.	30.0	E	30.0	E	30.0	E	30.0	E	30.0	E	30.0	E	30.0	E
52.	56.6	E	56.6	E	56.6	E	56.6	E	56.6	E	56.6	E	56.6	E
53.	50.0	E	50.0	E	50.0	E	50.0	E	50.0	E	50.0	E	50.0	E
56.	30.0	Ps	35.0	Ps	-	-	45.0	Ps	-	-	15.0	Ps	20.0	Ps
58.	28.3	E	28.3	E	28.3	E	28.3	E	28.3	E	28.3	E	28.3	E
59.	64.0	E	64.0	E	64.0	E	64.0	E	64.0	E	64.0	E	64.0	E
61.	64.0	E	64.0	E	64.0	E	64.0	E	64.0	E	64.0	E	64.0	E
62.	3.0	E	3.0	E	3.0	E	3.0	E	3.0	E	3.0	E	3.0	E
63.	64.0	E	64.0	E	64.0	E	64.0	E	64.0	E	64.0	E	64.0	E
64.	3.0	E	3.0	E	3.0	E	3.0	E	3.0	E	3.0	E	3.0	E
65.	64.0	E	64.0	E	64.0	E	64.0	E	64.0	E	64.0	E	64.0	E
66.	3.0	E	3.0	E	3.0	E	3.0	E	3.0	E	3.0	E	3.0	E
67.	64.0	E	64.0	E	64.0	E	64.0	E	64.0	E	64.0	E	64.0	E
68.	62.0	T(P)	62.0	T(P)	62.0	T(P)	62.0	T(P)	32.0	E	62.0	T(P)	62.0	T(P)
69.	-	R	-	R	-	R	-	R	-	R	-	R	-	R
70.	10.0	E	10.0	E	10.0	E	10.0	E	10.0	E	10.0	E	10.0	E
71.	30.0	T(P)	30.0	T(P)	30.0	T(P)	30.0	T(P)	-	-	30.0	T(P)	30.0	T(P)
77.	50.0	P	50.0	P	50.0	P	50.0	P	-	-	50.0	P	50.0	P

Remarks:
T; Tunnel
R; River
E; Existing Canal
(E); Existing
P; Proposed Canal
Ps; Proposed Pump Station
(P); Proposed

Table I.4.1 SUMMARY OF WATER BALANCE SIMULATION
FOR SCREENING OF TRANSBASIN CONVEYANCE SYSTEM
(Polgolla Diversion: 875 MCM)

Alternative Case / Run Case	Unit	Alternative Case A A145	B B151	C C145	D D109
1. Irrigation System		AMDP NCRB NWDZ	AMDP NCRB NWDZ	AMDP NCRB NWDZ	AMDP - -
2. Irrigation Area					
- Under AMDP	ha	200,300	200,300	200,300	200,300
- New Irrigation Area	ha	103,450	103,450	103,450	-
- Existing	ha	15,250	15,250	15,250	-
- New Dev. Area	ha	88,200	88,200	88,200	-
- Cashew Area (Non-irrigated)	ha	20,000	20,000	20,000	
- Total	ha	323,750	323,750	323,750	200,300
3. Spillout at					
- Angamedilla	MCM	380	399	377	718
- Minipe	MCM	154	146	185	1,435
- Kandakadu	MCM	2,538	2,541	2,594	4,290
4. Pump-up Volume	MCM	761	1,515	896	-
5. Irr. Demand-Deficit Ratio					
- Sub-system-1	%	9(10)	9(13)	10(13)	7(9)
- Sub-system-2	%	8(9)	7(6)	9(12)	-(-)
- Sub-system-3	%	10(10)	9(11)	9(12)	7(9)
- Sub-system-4	%	1(0)	1(0)	1(0)	0(0)
- Sub-system-5	%	2(2)	2(3)	2(3)	1(2)
- Sub-system-6	%	7(9)	8(12)	8(10)	4(5)
- Sub-system-7	%	2(3)	4(5)	3(5)	0(1)
- Sub-system-8	%	5(7)	4(7)	4(7)	-(-)
- Average	%	7(-)	7(-)	8(-)	5(-)
6. Energy Output					
- Existing Plant	GWh	2,138	2,020	2,017	2,264
- Proposed Hydropower	GWh	1,808	1,824	1,824	-
- Total	GWh	3,946	3,844	3,841	2,264

Remarks: AMDP Area : Existing and comitted irrigation area under the AMDP
Potential Irrigation Area : NWDZ + NCRB
Case A : New alternative (Minipe-Minneriya-Pump St.-NCP)
Case B : TDS's solution (Minipe-Hettipola-Pump St.-Elahera-NCP)
Case C : UNDP/FAO as revised by NEDECO
(Minipe-Existing Minipe LBC-Anganedilla-Pump St.-NCP)
Case D : Present case including committed irrgation area
( ) : Number of years exceeding irrigation
deficit-demand ratio of more than 10%.

Table I.4.2 SUMMARY OF WATER BALANCE SIMULATION FOR SCREENING OF DEVELOPMENT PLAN

Run Case	Unit	Polgolla Diversion 875 MCM A118	Polgolla Diversion 875 MCM A145	Polgolla Diversion 1,280 MCM A209	Polgolla Diversion 1,280 MCM A242
1. Irrigation System		AMDP NCRB -	AMDP NCRB NWDZ	AMDP NCRB -	AMDP NCRB NWDZ
2. Irrigation Area					
- Under AMDP	ha	200,300	200,300	200,300	200,300
- New Irrigation System	ha	90,200	103,450	90,200	103,450
- Existing	ha	12,700	15,250	12,700	15,250
- New Irrigation Area	ha	77,500	88,200	77,500	88,200
- Cashew Area (Non-irrigated)	ha	20,000	20,000	20,000	20,000
- Total	ha	310,500	323,750	310,500	323,750
3. Spillout at					
- Angamedilla	MCM	421	380	363	392
- Minipe	MCM	197	154	177	151
- Kandakadu	MCM	2,626	2,538	2,577	2,561
4. Pump-up Volume	MCM	653	761	360	435
5. Irr. Demand-Deficit Ratio					
- Sub-system-1	%	9(9)	9(10)	8(11)	6(9)
- Sub-system-2	%	7(7)	8(9)	9(9)	9(11)
- Sub-system-3	%	7(7)	10(10)	10(10)	10(11)
- Sub-system-4	%	1(0)	1(0)	1(0)	1(0)
- Sub-system-5	%	2(2)	2(2)	2(4)	3(4)
- Sub-system-6	%	6(8)	7(9)	9(12)	10(13)
- Sub-system-7	%	2(3)	2(3)	3(4)	3(4)
- Sub-system-8	%	5(7)	5(7)	5(7)	5(7)
- Average	%	6(-)	7(-)	7(-)	7(-)
6. Energy Output					
- Existing Plant	GWh	2,221	2,138	1,967	1,998
- Proposed Hydropower	GWh	1,818	1,808	1,866	1,868
- Total	GWh	4,039	3,946	3,833	3,866

Remarks: AMDP Area : Existing and comitted irrigation area under the AMDP
Potential Irrigation Area : NWDZ + NCRB
Case A : New alternative (Minipe-Minneriya-Pump St.-NCP)
( ) : Number of years exceeding 10% of irrigation deficit-demand ratio

Table I.4.3 RESULTS OF WATER BALANCE SIMULATION
(POLGOLLA DIVERSION 875 MCM)
(RUNCASE : A-118)

- Total Inflow
- Release to Downstream
- Spillout
- Energy Output
- Reservoir Storage Volume
- Canal Discharge
- Deficit of Irrigation Demand
- Summary of Results

TOTAL INFLOW
CASE : A-118
POINT: CALEDONIA

(Unit:MCM)

Year/	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1949/50	41.2	33.5	33.2	17.6	10.0	10.8	7.8	16.6	35.9	58.2	45.0	86.8	396.6
1950/51	34.5	17.6	11.7	31.6	18.4	12.0	15.5	18.6	179.7	73.7	26.0	36.3	475.6
1951/52	56.7	56.6	24.1	30.2	13.8	9.3	25.8	111.4	74.4	58.0	49.3	47.0	556.6
1952/53	65.6	22.2	15.1	14.1	6.3	14.9	31.7	13.9	32.1	53.5	47.9	38.2	355.5
1953/54	42.8	42.4	30.7	35.0	20.1	14.2	20.2	20.3	23.3	42.2	63.9	35.8	390.9
1954/55	75.5	21.6	33.2	29.8	17.2	7.4	19.5	45.0	147.4	57.0	29.9	36.4	519.9
1955/56	36.6	34.2	16.2	5.4	4.6	6.0	5.6	15.8	54.2	53.1	55.9	47.6	335.2
1956/57	60.3	44.5	31.9	16.8	12.1	10.5	8.3	16.5	58.7	63.2	38.4	38.9	400.1
1957/58	33.0	46.0	91.3	37.5	16.2	22.5	20.6	29.5	44.4	45.4	51.5	21.0	458.9
1958/59	64.9	49.7	23.2	12.2	7.2	4.9	16.6	17.6	88.3	99.9	36.2	33.6	454.3
1959/60	45.0	39.1	22.6	16.4	23.9	15.3	20.5	27.1	43.4	55.2	57.5	91.1	457.1
1960/61	68.7	67.7	24.3	14.3	12.0	9.8	11.8	47.1	37.2	38.2	75.2	33.2	439.5
1961/62	25.5	33.3	25.7	17.1	9.3	8.0	11.9	47.8	29.1	57.1	39.4	64.6	368.8
1962/63	53.8	32.8	20.8	21.5	12.5	8.2	17.5	14.8	25.8	40.7	34.9	29.8	313.1
1963/64	54.8	43.1	45.9	30.6	18.7	13.8	7.5	9.7	14.6	47.0	59.8	58.5	404.0
1964/65	25.8	57.0	19.4	7.9	6.5	5.6	20.7	85.3	47.8	20.2	41.3	45.7	383.2
1965/66	42.9	38.9	34.3	20.9	8.4	11.3	17.5	10.0	14.0	22.9	21.7	44.0	286.8
1966/67	58.2	43.7	20.6	14.4	10.7	10.2	7.3	7.9	19.9	34.4	25.1	18.0	270.4
1967/68	68.0	49.3	59.4	15.1	6.4	8.8	7.5	19.9	33.7	108.8	92.1	69.5	538.5
1968/69	60.5	40.3	24.0	13.9	6.6	4.7	18.9	38.5	65.0	35.5	19.8	43.5	371.2
1969/70	41.0	26.1	29.9	30.2	18.5	11.3	18.0	17.4	32.2	38.6	69.6	25.0	357.8
1970/71	46.5	39.7	49.8	27.5	11.3	9.9	23.8	24.2	42.6	62.7	64.8	100.3	503.1
1971/72	55.5	29.4	43.4	13.0	6.1	3.9	11.5	45.7	14.0	75.3	47.2	32.2	377.2
1972/73	72.1	59.0	40.1	18.6	9.9	7.4	9.5	6.9	15.4	28.3	69.8	25.9	362.9
1973/74	22.2	33.2	37.1	22.4	10.3	11.1	20.6	29.7	61.6	104.6	125.9	58.7	537.4
1974/75	54.3	26.1	19.7	23.5	13.0	13.6	19.4	23.9	78.7	42.0	72.1	64.7	451.0
1975/76	89.7	107.1	33.5	22.9	9.2	7.4	18.6	8.3	6.3	24.8	23.7	18.8	370.3
1976/77	34.2	34.9	22.3	9.6	7.1	7.2	11.9	35.6	47.6	64.5	35.0	20.0	329.9
1977/78	73.8	40.5	24.0	12.2	8.8	10.2	7.6	75.1	39.9	91.6	123.4	45.0	552.1
1978/79	59.5	102.5	36.6	13.9	8.8	6.8	13.8	26.2	42.7	77.4	44.2	60.3	492.7
1979/80	77.8	79.5	47.8	15.8	7.5	7.0	13.5	16.8	19.9	43.6	51.9	24.2	405.3
1980/81	46.8	33.0	25.4	18.5	8.2	8.0	10.5	9.6	58.6	36.3	41.3	90.7	386.9
1981/82	27.9	41.9	21.1	6.8	4.9	8.1	10.2	26.0	59.2	47.2	35.5	19.1	307.9
1982/83	31.2	34.2	33.0	20.0	7.7	6.3	4.4	10.1	10.6	20.5	27.4	22.1	227.5
1983/84	21.8	37.4	40.4	32.8	21.5	18.5	22.5	20.6	41.9	95.5	39.5	42.9	435.3
1984/85	48.7	26.3	22.3	18.9	7.1	8.9	9.2	23.0	116.5	68.7	48.7	30.6	428.9
1985/86	46.0	79.9	44.7	92.0	22.6	16.7	18.8	28.0	31.4	37.6	75.7	36.4	529.8
Average	50.4	44.4	31.9	21.6	11.4	10.0	15.0	28.1	48.3	54.7	51.5	44.2	411.7

TOTAL INFLOW
CASE : A-118
POINT: TALAWAKELE

(Unit:MCM)

Year/	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1949/50	53.9	51.5	51.1	27.1	26.2	25.6	21.6	25.5	40.9	86.8	56.6	133.8	600.5
1950/51	53.1	36.6	25.6	34.7	28.1	25.6	25.6	27.3	265.9	116.7	42.3	50.3	731.9
1951/52	87.4	87.2	37.0	46.5	26.2	26.1	31.6	162.9	114.6	89.3	75.8	72.3	856.8
1952/53	101.1	34.1	26.2	26.2	26.2	27.0	37.1	25.8	48.3	79.6	67.2	62.4	561.1
1953/54	70.7	70.1	50.2	53.9	30.8	24.7	31.0	31.2	35.9	62.1	98.6	52.0	611.2
1954/55	106.9	38.0	35.8	41.8	26.9	25.1	27.8	56.9	227.4	87.7	45.9	55.9	776.2
1955/56	56.3	52.6	26.3	26.2	14.3	12.1	8.4	24.2	74.0	83.6	85.6	75.7	539.4
1956/57	88.1	49.2	60.0	31.0	24.8	23.5	12.6	25.3	85.8	94.4	58.5	62.3	615.7
1957/58	50.8	46.9	140.8	57.7	27.8	31.4	31.5	45.3	68.3	72.9	76.2	32.1	681.9
1958/59	100.0	76.6	35.6	26.2	26.0	14.5	25.5	27.0	112.3	148.0	61.1	46.1	698.9
1959/60	69.3	60.2	34.7	26.5	35.3	26.2	28.7	41.5	72.9	82.0	85.4	140.4	703.0
1960/61	105.9	104.4	37.4	26.2	26.2	26.0	24.7	48.6	57.2	60.6	108.1	51.0	676.1
1961/62	39.2	51.3	39.5	26.8	26.2	26.0	21.7	46.4	48.2	85.0	63.0	94.0	567.2
1962/63	82.9	50.5	31.9	33.0	26.2	26.2	27.6	26.3	33.2	51.8	51.3	45.1	485.8
1963/64	79.6	66.4	70.7	47.1	28.6	26.2	26.2	24.9	22.3	50.3	84.2	90.1	616.4
1964/65	39.7	87.9	29.8	25.9	22.9	11.5	31.6	101.9	73.5	38.8	55.7	70.3	589.4
1965/66	66.1	59.9	52.8	32.1	26.2	26.0	27.9	21.9	21.4	32.2	31.3	43.0	440.7
1966/67	89.5	67.3	31.6	27.4	25.6	25.5	16.5	12.0	30.5	45.2	43.5	24.5	438.9
1967/68	80.9	76.0	91.6	26.2	26.1	23.8	11.4	30.5	52.0	160.1	130.7	103.6	812.9
1968/69	90.8	57.1	36.9	32.1	25.4	10.8	29.0	54.6	100.3	56.4	30.4	64.0	587.7
1969/70	59.3	44.0	39.3	33.9	30.4	24.6	30.4	30.1	49.7	61.2	101.4	41.4	545.6
1970/71	71.7	51.5	67.0	42.3	25.6	25.4	30.6	35.2	65.7	98.4	87.2	154.6	755.1
1971/72	85.5	45.2	66.8	26.2	26.1	12.5	17.6	51.3	26.2	113.1	70.7	38.8	579.9
1972/73	111.2	90.9	61.7	28.6	26.2	25.8	18.8	10.4	23.6	35.8	107.1	42.1	582.1
1973/74	34.2	51.1	39.0	50.1	21.1	19.9	31.7	41.0	99.8	149.0	187.5	79.6	803.9
1974/75	83.7	54.6	27.9	40.2	30.7	23.7	29.7	36.8	116.6	66.5	105.9	92.5	708.7
1975/76	133.6	155.5	51.6	35.2	26.6	24.7	29.4	15.5	9.5	35.2	36.4	25.8	579.0
1976/77	52.7	49.0	42.1	14.6	10.8	13.9	18.2	50.1	78.2	96.4	53.8	27.6	507.4
1977/78	89.8	72.0	43.5	29.6	13.3	18.6	11.5	111.1	66.3	138.4	185.0	71.7	850.8
1978/79	86.9	138.8	56.3	32.1	25.4	17.4	21.1	40.4	65.9	116.5	68.1	89.9	758.8
1979/80	115.2	108.2	74.3	35.0	22.2	13.5	20.7	25.8	30.5	64.3	80.1	34.1	624.0
1980/81	72.2	50.7	42.1	28.4	12.4	15.2	16.0	14.6	90.4	52.9	63.6	122.6	581.1
1981/82	52.5	64.5	40.2	10.2	7.3	15.3	15.6	40.0	91.3	69.7	54.6	26.3	487.6
1982/83	48.1	48.0	38.0	45.8	17.1	12.5	6.6	15.4	16.2	28.5	42.2	30.8	349.4
1983/84	33.6	52.9	43.0	50.5	32.9	28.3	34.4	42.4	64.5	144.3	58.4	60.5	645.6
1984/85	75.0	45.3	34.8	29.0	25.7	23.2	14.0	35.4	170.3	102.9	73.8	50.0	679.1
1985/86	71.0	113.6	75.5	125.6	37.7	26.5	27.6	46.2	57.9	59.7	110.1	64.4	815.8
Average	75.4	66.5	48.3	36.0	24.8	21.8	23.6	40.6	73.2	81.5	76.7	65.4	633.7

TOTAL INFLOW
CASE : A-118
POINT: KOTAMALE

(Unit:MCM)

Year/	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1949/50	88.8	79.9	79.2	42.0	34.7	34.8	28.2	39.6	71.3	136.1	94.7	207.3	936.5
1950/51	82.3	51.5	35.5	61.5	43.7	35.8	38.7	43.0	418.1	179.1	64.3	81.0	1134.6
1951/52	135.4	135.1	57.4	72.1	37.8	34.0	53.4	257.2	177.6	138.4	117.5	112.1	1327.9
1952/53	156.7	52.9	39.0	38.2	31.5	39.6	63.9	37.6	75.5	124.9	107.8	94.7	862.2
1953/54	106.9	106.0	76.2	83.5	47.8	36.7	48.1	48.4	55.6	97.8	152.7	82.3	942.0
1954/55	170.8	56.3	64.0	67.0	41.5	31.3	44.3	95.0	352.2	135.9	71.3	86.7	1216.4
1955/56	87.3	81.6	40.0	30.8	18.2	17.2	13.1	37.5	119.9	128.6	132.9	116.0	823.2
1956/57	139.2	86.9	87.0	45.2	35.0	32.4	19.6	39.3	135.5	147.9	91.0	95.2	954.4
1957/58	78.8	85.9	218.1	89.4	41.5	50.5	49.0	70.3	105.9	111.3	119.8	49.9	1070.6
1958/59	154.9	118.7	55.2	36.5	32.1	18.6	39.6	41.9	187.0	232.6	91.8	74.5	1083.4
1959/60	107.4	93.3	53.9	40.4	55.5	39.2	46.1	64.4	109.7	128.7	134.1	217.5	1090.1
1960/61	164.1	161.8	58.0	38.3	36.4	34.3	34.7	88.5	88.7	92.9	171.8	79.1	1048.4
1961/62	60.8	79.5	61.3	41.3	34.1	32.8	31.8	86.9	72.9	133.4	96.4	148.7	879.8
1962/63	128.5	78.3	49.5	51.2	36.8	33.1	42.4	38.8	55.1	86.3	80.9	70.3	751.0
1963/64	126.0	102.9	109.6	73.0	44.4	37.9	32.6	33.1	34.6	90.1	134.8	139.6	958.4
1964/65	61.6	136.2	46.2	32.6	28.4	16.2	49.1	174.1	114.0	55.9	90.6	109.0	913.8
1965/66	102.5	92.8	81.8	49.8	33.4	35.6	42.7	30.4	33.2	51.6	49.7	80.3	683.7
1966/67	138.8	104.3	49.1	39.6	34.6	34.1	22.7	18.7	47.4	74.3	64.8	39.8	668.0
1967/68	138.5	117.7	141.9	39.0	31.5	31.3	17.8	47.3	80.6	252.2	208.7	162.5	1269.0
1968/69	142.0	91.2	57.2	43.9	31.0	14.8	45.0	87.2	155.4	86.4	47.2	100.9	902.1
1969/70	94.0	66.1	64.6	59.5	46.1	34.2	45.7	44.9	77.0	93.9	160.4	62.6	848.9
1970/71	111.1	85.1	109.1	65.6	35.2	33.8	50.7	55.7	101.8	151.5	142.0	239.5	1181.0
1971/72	132.5	70.1	103.6	37.2	31.3	15.8	27.3	90.0	38.1	176.8	110.7	66.1	899.4
1972/73	172.2	140.8	95.6	44.4	34.6	32.1	26.8	16.2	36.7	59.8	166.2	64.1	889.4
1973/74	53.0	79.3	70.4	69.1	29.8	29.3	49.1	66.1	152.0	237.6	294.1	129.3	1259.0
1974/75	129.7	76.7	44.6	60.1	41.7	35.2	46.1	57.1	183.2	102.1	166.9	147.3	1090.6
1975/76	209.6	246.2	80.0	54.6	34.4	30.9	45.2	22.5	14.8	56.2	56.4	41.7	892.5
1976/77	81.6	78.5	61.0	22.7	16.8	20.0	28.3	80.3	118.5	151.0	83.4	44.5	786.6
1977/78	152.3	106.3	63.9	39.9	20.7	27.3	17.9	174.7	100.1	216.0	289.5	109.8	1318.4
1978/79	137.3	225.6	87.3	43.9	32.9	23.2	32.7	62.6	102.1	182.1	105.5	141.0	1176.2
1979/80	181.1	175.5	114.8	48.4	28.6	19.4	32.2	40.0	47.3	101.2	124.1	54.6	967.3
1980/81	111.9	78.6	63.6	44.1	19.3	22.0	24.9	22.7	140.0	83.7	98.5	199.4	908.7
1981/82	76.1	100.0	58.0	16.0	11.4	22.1	24.2	62.0	141.4	109.6	84.7	42.4	748.0
1982/83	74.5	77.0	66.0	62.8	23.6	17.8	10.4	23.9	25.2	45.9	65.4	49.5	542.2
1983/84	52.1	84.6	77.2	78.3	51.1	44.0	53.4	59.9	100.0	225.2	91.9	96.8	1014.4
1984/85	116.3	67.6	53.7	45.0	31.7	30.8	21.8	54.8	269.0	161.0	115.1	75.9	1042.4
1985/86	110.0	181.2	113.4	203.5	56.8	40.7	43.5	69.9	84.5	91.6	174.2	95.2	1264.5
Average	118.0	104.1	75.3	54.3	34.5	30.2	36.3	64.4	114.1	127.8	120.3	102.9	982.3

TOTAL INFLOW
CASE : A-118
POINT: WATAWALA

(Unit:MCM)

Year/	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1949/50	12.1	9.8	9.7	5.2	2.9	3.2	2.3	4.9	10.5	17.1	13.2	25.5	116.4
1950/51	10.1	5.2	0.3	9.3	5.4	2.3	4.6	5.5	52.8	21.6	7.6	10.7	135.4
1951/52	16.6	16.6	7.1	8.9	0.1	2.7	7.6	32.7	21.9	17.0	14.5	1.1	146.8
1952/53	19.3	6.5	4.4	4.1	1.8	2.8	6.6	1.3	9.4	15.7	14.1	11.2	97.2
1953/54	12.6	12.5	9.0	6.0	5.0	4.2	5.9	6.0	6.8	12.4	18.8	10.5	109.7
1954/55	22.2	6.3	9.8	8.7	5.0	2.2	5.7	13.2	43.3	16.7	8.8	10.7	152.6
1955/56	10.7	10.0	4.8	1.6	0.1	1.8	1.6	4.6	15.9	15.6	16.4	14.0	97.1
1956/57	17.7	13.1	9.4	4.9	3.5	3.1	2.4	4.8	17.2	18.6	11.3	0.2	106.2
1957/58	9.7	13.5	26.8	11.0	4.8	6.6	6.1	8.7	13.0	13.3	15.1	6.2	134.8
1958/59	19.0	14.6	6.8	3.6	2.1	1.4	4.9	5.2	25.9	29.3	10.6	9.9	133.3
1959/60	13.2	11.5	6.6	4.8	7.0	4.5	6.0	7.9	12.8	16.2	16.9	26.7	134.1
1960/61	20.2	19.9	7.1	4.2	3.5	2.9	3.5	13.8	10.9	11.2	22.1	9.7	129.0
1961/62	7.5	9.8	7.6	5.0	2.7	2.4	3.5	14.0	8.6	16.8	11.6	19.0	108.5
1962/63	15.8	9.6	6.1	6.3	3.7	2.4	5.1	4.3	7.6	12.0	10.3	8.7	91.9
1963/64	16.1	12.6	13.5	9.0	5.5	4.1	2.2	2.8	4.3	13.8	17.5	17.2	118.6
1964/65	7.6	16.7	5.7	2.3	1.9	1.6	6.1	25.0	14.0	5.9	12.1	13.4	112.3
1965/66	12.6	11.4	10.1	6.1	2.5	3.3	5.1	2.9	4.1	6.7	6.4	12.9	84.1
1966/67	17.1	12.8	6.1	4.2	3.1	3.0	2.1	2.3	5.8	10.1	7.4	5.3	79.3
1967/68	20.0	14.5	17.4	4.4	0.7	2.6	2.2	5.8	9.9	31.9	27.0	20.4	156.8
1968/69	17.8	11.8	7.0	4.1	2.0	1.4	5.6	11.3	19.1	10.4	5.8	12.8	109.1
1969/70	12.0	7.7	8.8	8.9	5.4	3.3	5.3	5.1	9.5	11.3	20.4	7.4	105.1
1970/71	13.7	11.7	14.6	8.1	3.3	2.9	7.0	7.1	12.5	18.4	19.0	29.4	147.7
1971/72	16.3	8.6	12.7	3.8	0.4	0.5	3.4	13.4	4.1	22.1	13.9	9.5	108.7
1972/73	21.2	17.3	11.8	2.2	0.8	2.2	0.3	2.0	4.5	8.3	20.5	7.6	98.7
1973/74	6.5	9.8	10.9	6.6	3.0	3.3	6.0	8.7	18.1	30.7	37.0	17.2	157.8
1974/75	15.9	7.6	5.8	6.9	3.8	4.0	5.7	7.0	23.1	12.3	21.2	19.0	132.3
1975/76	26.3	31.4	9.8	6.7	2.7	1.2	5.5	2.4	1.9	7.3	6.9	5.5	107.6
1976/77	10.0	10.2	6.6	2.8	2.1	2.1	3.5	10.5	14.0	18.9	10.3	5.9	96.9
1977/78	21.7	11.9	7.1	3.6	2.6	3.0	2.2	22.0	11.7	26.9	36.2	13.2	162.1
1978/79	17.5	30.1	10.7	4.1	2.6	2.0	4.0	7.7	12.5	22.7	13.0	17.7	144.6
1979/80	22.8	23.4	14.0	4.7	2.2	2.1	4.0	4.9	5.8	12.8	15.2	7.1	119.0
1980/81	13.8	9.7	7.5	5.4	2.4	2.4	3.1	2.8	17.2	10.7	12.1	26.6	113.7
1981/82	8.2	12.3	6.2	2.0	1.4	0.1	3.0	7.6	17.4	13.8	10.4	5.6	88.0
1982/83	9.1	10.1	9.7	5.9	2.3	1.8	1.3	3.0	3.1	6.0	8.1	6.5	66.9
1983/84	6.4	11.0	11.9	9.6	6.3	5.4	6.6	6.1	12.3	28.1	11.6	12.6	127.9
1984/85	14.3	7.7	6.5	5.6	0.5	1.3	2.7	6.7	34.2	20.2	14.3	9.0	123.0
1985/86	13.5	23.5	13.1	27.0	6.6	4.9	5.5	8.2	9.2	11.0	22.2	10.7	155.4
Average	14.8	13.0	9.3	6.2	3.0	2.7	4.3	8.2	14.2	16.0	15.1	12.3	119.2

TOTAL INFLOW
CASE : A-118
POINT: ULAPANE

(Unit:MCM)

Year/	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1949/50	34.3	31.2	30.9	17.2	13.0	12.8	10.8	16.7	29.9	52.6	35.2	81.2	365.8
1950/51	32.1	21.4	6.5	26.3	17.6	10.9	16.1	18.2	157.5	73.2	22.7	31.0	433.6
1951/52	52.9	52.9	22.5	28.2	6.2	11.8	22.5	96.6	69.6	54.2	46.1	8.4	471.9
1952/53	56.5	20.7	15.6	15.0	9.9	11.9	20.5	8.8	27.1	47.1	43.1	38.0	314.1
1953/54	40.7	41.5	32.5	20.8	17.5	16.7	23.4	19.1	20.0	43.6	58.1	34.2	368.1
1954/55	66.7	21.6	27.4	24.9	16.9	10.5	18.3	34.7	136.8	53.2	27.9	34.0	472.9
1955/56	34.1	31.9	16.3	9.4	6.0	9.9	7.0	14.7	44.0	50.3	53.0	44.5	321.0
1956/57	54.5	34.6	31.5	21.7	13.9	13.1	16.1	15.4	52.0	57.4	48.2	28.6	386.9
1957/58	29.1	35.6	82.2	35.0	16.9	20.4	19.1	26.3	45.0	40.6	46.3	22.1	418.5
1958/59	58.1	46.4	21.6	14.2	11.2	8.9	16.9	17.6	74.1	89.1	37.0	28.9	424.0
1959/60	41.7	34.3	21.0	16.5	21.2	15.8	19.1	23.4	44.2	49.7	52.1	84.9	423.8
1960/61	64.3	63.3	22.6	15.1	13.6	12.1	13.4	37.8	34.7	36.3	68.5	28.4	410.1
1961/62	26.0	28.9	24.0	16.9	11.9	11.0	13.5	36.7	28.4	51.8	37.3	57.9	344.3
1962/63	50.3	30.6	19.4	20.0	13.9	11.2	17.0	15.3	22.4	35.9	30.8	30.5	297.3
1963/64	48.4	38.0	42.9	28.6	17.9	14.8	10.7	12.0	24.1	45.5	51.5	54.7	389.0
1964/65	24.1	53.2	20.6	11.0	10.0	9.6	19.7	68.2	41.0	25.5	32.3	42.1	357.4
1965/66	40.1	36.3	32.0	19.4	11.5	13.2	17.1	12.2	28.7	45.4	44.9	34.5	335.2
1966/67	48.6	40.8	19.2	19.0	12.7	12.4	10.8	30.0	45.9	45.4	32.6	16.8	334.3
1967/68	51.2	46.1	55.5	15.8	7.7	11.5	10.8	19.2	32.1	97.5	81.9	62.5	492.0
1968/69	55.9	35.8	22.4	16.1	10.7	9.8	31.5	33.1	59.4	45.2	16.6	40.8	377.3
1969/70	44.3	26.2	29.7	25.3	17.7	13.1	22.2	31.5	45.9	47.8	63.3	25.9	392.9
1970/71	49.6	31.9	41.5	25.7	17.9	12.1	21.3	22.3	39.1	56.9	53.7	93.7	465.6
1971/72	51.9	29.9	38.0	14.3	6.7	6.9	13.7	35.9	14.9	65.9	42.3	26.5	346.9
1972/73	66.0	55.1	37.4	10.7	7.7	10.7	5.8	6.4	12.6	35.1	63.6	30.0	340.8
1973/74	18.8	32.9	30.1	27.4	16.1	16.7	19.2	31.5	56.7	93.5	111.1	49.8	503.8
1974/75	50.7	31.7	18.5	25.7	16.7	16.8	18.1	22.4	69.3	40.1	63.2	58.0	431.2
1975/76	82.7	93.7	31.2	21.3	18.8	8.7	19.9	7.7	4.2	21.5	20.3	17.5	347.4
1976/77	30.2	34.3	29.7	15.3	13.2	13.1	11.2	32.6	54.2	58.5	31.0	18.6	341.9
1977/78	56.6	45.3	24.9	15.6	16.1	16.7	7.1	67.4	38.4	83.9	111.2	44.5	527.6
1978/79	53.9	85.2	34.1	18.6	12.8	10.4	16.0	31.5	42.1	70.7	47.5	56.3	479.2
1979/80	71.0	66.4	46.9	18.3	14.3	12.4	12.7	15.7	16.8	45.4	52.0	29.4	401.3
1980/81	50.1	32.6	29.7	19.0	16.1	16.0	9.8	9.0	54.5	32.2	44.9	79.9	393.7
1981/82	29.2	40.9	29.7	14.7	6.2	8.9	9.6	26.6	54.7	50.3	31.4	17.8	319.9
1982/83	27.3	33.8	29.7	24.0	16.1	9.9	4.1	9.5	8.1	17.4	23.9	22.5	226.1
1983/84	18.5	36.7	32.2	26.9	19.7	17.8	20.3	24.2	48.3	85.2	37.6	35.3	402.6
1984/85	47.5	27.3	20.7	18.0	6.8	8.8	10.7	31.5	104.9	60.0	46.2	28.5	410.8
1985/86	43.0	72.3	41.7	78.5	25.7	16.5	17.9	26.3	33.9	35.8	66.5	36.5	494.8
Average	46.0	41.1	30.1	21.4	13.8	12.5	15.5	26.7	46.4	52.4	48.0	39.9	393.6

TOTAL INFLOW
CASE : A-118
POINT: POLGOLLA

(Unit:MCM)

Year/	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1949/50	110.2	108.7	136.0	86.2	161.2	95.9	82.3	147.7	244.2	232.0	218.6	264.6	1887.4
1950/51	167.8	288.7	70.0	120.2	71.8	70.5	143.4	109.8	336.0	341.1	104.0	95.8	1919.0
1951/52	206.0	269.1	109.2	119.2	95.1	73.1	79.5	350.0	342.8	253.3	272.5	137.7	2307.2
1952/53	387.4	139.7	85.5	69.5	129.9	69.7	70.2	197.8	180.8	163.7	104.9	142.5	1741.5
1953/54	257.2	229.4	130.3	155.0	115.7	118.2	148.0	173.6	101.4	118.0	257.5	163.5	1967.8
1954/55	223.9	204.0	172.3	92.1	93.9	127.8	98.8	309.1	534.9	301.9	176.6	219.9	2555.2
1955/56	256.0	213.9	104.4	120.3	162.6	82.5	76.8	187.1	331.9	169.4	257.6	255.9	2218.5
1956/57	265.8	332.3	131.1	150.2	113.5	155.9	129.5	126.5	324.7	336.5	173.6	96.9	2336.5
1957/58	86.9	242.1	465.4	118.5	121.4	87.6	118.1	156.5	245.6	254.9	189.6	142.1	2228.9
1958/59	334.5	304.1	133.5	114.5	151.1	84.5	108.4	182.6	329.0	351.8	243.4	155.9	2493.3
1959/60	247.0	184.6	128.7	113.0	130.8	99.9	153.6	162.5	310.4	224.2	210.5	332.4	2297.5
1960/61	337.2	386.7	141.0	92.6	97.3	76.5	91.9	231.1	195.2	209.5	280.6	136.0	2275.6
1961/62	187.5	166.2	133.3	106.4	114.3	92.4	113.2	168.8	226.4	212.5	212.6	223.8	1957.4
1962/63	283.1	195.4	117.9	105.3	85.4	90.1	106.9	168.5	150.5	230.2	163.6	177.3	1874.2
1963/64	242.0	205.5	243.6	120.0	88.7	101.3	108.8	193.5	156.6	215.4	174.7	266.6	2116.7
1964/65	187.2	340.9	167.1	96.2	90.3	73.3	126.0	237.1	264.7	251.9	171.7	93.8	2100.2
1965/66	253.1	198.3	170.0	88.7	108.4	82.4	116.0	165.9	106.1	131.4	117.6	251.3	1789.1
1966/67	215.9	196.1	124.1	164.6	99.8	95.7	92.4	107.4	207.9	154.6	137.6	79.7	1676.0
1967/68	237.1	154.0	157.2	74.5	174.8	123.5	130.2	181.3	311.1	371.4	222.9	234.8	2372.6
1968/69	198.9	200.7	121.5	169.8	172.0	185.9	128.1	200.1	286.3	160.8	37.6	205.7	2067.5
1969/70	157.3	200.9	122.5	104.2	103.7	92.5	130.8	129.5	162.5	178.5	207.2	256.2	1845.9
1970/71	197.4	195.4	166.0	112.3	103.3	92.6	138.1	207.4	300.8	283.9	203.8	497.5	2498.6
1971/72	302.1	178.1	195.4	78.0	150.0	75.6	98.0	269.8	138.1	266.9	192.4	117.6	2061.9
1972/73	290.7	308.1	229.4	70.1	126.4	74.5	75.2	193.7	117.5	92.4	200.1	122.4	1900.4
1973/74	17.8	199.4	112.1	148.2	140.4	105.4	148.1	216.8	332.1	416.0	314.7	303.4	2454.4
1974/75	307.8	366.3	146.3	175.6	219.8	101.1	75.4	120.3	323.9	193.0	292.4	246.4	2568.3
1975/76	308.6	390.9	197.5	105.4	351.1	184.2	146.0	57.9	5.4	77.2	72.0	96.3	1992.6
1976/77	150.2	243.5	173.5	98.2	78.3	84.2	62.6	212.0	232.2	196.5	102.0	93.7	1726.9
1977/78	177.4	223.1	201.6	206.2	86.1	96.1	26.8	248.3	216.6	310.7	343.8	281.2	2418.0
1978/79	216.1	294.2	162.5	236.1	170.0	113.6	176.0	169.0	125.0	223.5	104.3	274.9	2265.3
1979/80	265.4	187.6	196.3	248.1	263.8	82.7	75.3	72.6	31.9	145.0	163.3	116.5	1848.4
1980/81	151.0	232.3	132.4	133.7	83.1	82.5	45.5	42.3	237.5	142.1	132.5	276.6	1691.6
1981/82	274.0	296.1	145.6	97.6	76.5	74.6	58.1	136.0	408.9	235.9	147.9	81.3	2032.5
1982/83	108.2	243.3	164.5	148.5	152.7	78.5	22.1	46.0	27.9	49.6	126.6	134.0	1302.0
1983/84	55.7	290.3	227.7	117.3	114.9	141.6	168.3	152.3	230.9	372.1	150.3	121.5	2142.8
1984/85	261.5	216.7	126.1	95.3	92.4	196.7	150.6	149.7	517.8	381.3	207.0	214.0	2609.1
1985/86	298.1	325.5	208.7	131.0	220.2	132.9	138.0	193.2	241.6	206.7	233.8	303.3	2632.9
Average	222.3	241.9	160.8	123.9	132.7	102.6	106.9	172.3	238.8	228.5	187.1	194.9	2112.8

TOTAL INFLOW
CASE : A-118
POINT: VICTORIA

(Unit:MCM)

Year/	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1949/50	125.3	109.2	225.6	79.4	137.5	86.5	43.9	62.0	188.6	131.1	204.5	282.5	1676.1
1950/51	163.1	251.6	22.7	348.5	97.6	40.1	126.2	51.6	233.2	267.0	39.1	90.1	1730.8
1951/52	186.4	325.3	85.1	203.2	71.0	35.1	66.1	321.2	322.9	180.5	268.9	98.9	2164.7
1952/53	385.9	133.8	65.6	46.3	63.8	37.5	50.5	144.2	127.3	116.3	65.4	83.4	1320.1
1953/54	262.0	230.0	136.6	158.6	120.4	122.2	118.0	141.4	114.5	113.5	234.4	169.0	1920.5
1954/55	240.2	221.6	300.0	218.9	141.9	121.5	115.2	229.1	429.8	199.8	121.5	212.1	2551.5
1955/56	202.5	172.7	75.9	62.8	81.2	35.6	34.1	147.9	354.0	120.9	207.5	204.9	1700.0
1956/57	263.4	333.2	115.6	190.9	140.7	138.9	96.4	112.7	306.4	309.1	142.5	97.7	2247.4
1957/58	107.3	368.4	853.7	234.4	70.9	121.6	145.1	142.2	206.9	189.1	215.8	99.4	2754.7
1958/59	359.0	291.3	98.7	55.4	71.5	19.5	90.5	119.6	225.8	289.2	122.9	113.5	1856.8
1959/60	320.4	224.0	161.1	144.2	307.3	107.4	142.9	73.3	235.2	208.1	158.0	417.3	2499.2
1960/61	305.4	441.6	92.7	93.6	37.1	49.0	54.0	178.2	133.7	148.8	216.7	109.9	1860.6
1961/62	176.0	190.1	189.7	158.6	90.8	52.3	109.5	239.1	163.9	173.6	165.5	299.4	2008.6
1962/63	363.3	183.4	125.2	192.3	114.3	73.4	96.7	88.5	113.5	181.6	139.9	161.8	1833.8
1963/64	263.9	262.5	309.7	262.4	174.1	120.0	76.7	113.5	89.9	156.7	148.0	259.7	2237.2
1964/65	166.4	350.4	141.8	67.3	127.3	38.2	144.2	220.6	157.5	143.1	140.7	41.9	1739.4
1965/66	265.3	259.1	240.2	90.9	76.8	69.2	101.4	101.1	56.3	79.1	60.2	270.1	1669.7
1966/67	229.2	244.0	128.9	142.0	112.1	94.0	53.4	44.7	142.1	111.5	151.2	94.2	1547.5
1967/68	272.3	215.9	320.2	62.6	96.1	105.5	105.8	168.7	267.6	360.2	207.3	226.6	2408.8
1968/69	249.5	251.4	163.8	137.6	140.5	150.8	146.2	160.4	274.5	138.1	66.6	212.1	2091.5
1969/70	232.9	235.1	208.3	103.2	163.0	64.1	125.6	62.3	116.1	126.3	198.0	230.2	1865.0
1970/71	236.0	239.0	259.2	160.2	54.8	47.0	122.1	119.1	238.9	191.6	273.6	581.6	2523.3
1971/72	265.2	88.0	362.6	78.7	90.3	15.1	61.3	196.4	68.7	214.5	70.9	67.9	1579.6
1972/73	321.6	362.1	477.9	36.9	34.3	9.7	22.5	82.8	53.1	55.0	209.9	115.6	1781.3
1973/74	41.1	222.9	180.1	120.3	120.1	89.8	76.2	128.5	267.2	319.0	311.0	298.0	2174.1
1974/75	236.0	300.6	113.6	116.8	179.6	94.0	55.9	123.7	285.5	149.2	245.0	213.2	2113.1
1975/76	276.1	428.2	182.2	85.2	269.0	138.5	101.4	45.6	9.0	72.8	79.9	98.9	1786.8
1976/77	189.4	281.3	193.9	92.5	70.4	75.5	59.0	192.8	225.8	171.1	96.8	79.9	1728.4
1977/78	254.8	211.1	223.3	187.7	89.8	98.8	29.3	202.8	173.4	263.7	293.4	232.3	2260.5
1978/79	245.5	395.9	201.2	167.5	71.6	75.3	125.3	139.4	111.9	176.7	102.8	235.5	2048.5
1979/80	250.9	250.8	225.2	214.9	194.2	63.2	54.2	72.8	41.5	137.4	168.0	108.6	1781.6
1980/81	172.9	274.6	152.0	152.1	89.3	76.1	48.9	50.5	232.1	131.8	123.5	220.8	1724.6
1981/82	255.1	294.0	144.1	95.6	63.9	64.3	50.2	129.0	317.0	183.5	137.5	71.2	1805.3
1982/83	135.4	272.8	216.8	108.7	125.2	70.6	25.0	49.8	27.4	45.7	119.4	113.1	1309.8
1983/84	94.6	291.6	314.8	199.2	138.4	165.6	184.9	129.6	163.1	303.9	104.2	103.9	2193.7
1984/85	276.5	183.7	99.6	62.9	58.1	160.7	107.5	140.8	453.8	298.9	111.3	182.9	2136.7
1985/86	266.9	344.2	212.4	271.8	129.5	86.7	73.9	66.3	153.2	118.2	161.5	239.2	2123.9
Average	234.0	263.1	205.9	140.7	113.9	81.4	87.6	129.5	191.4	177.7	159.0	182.1	1966.4

TOTAL INFLOW
CASE : A-118
POINT: RANDENIGALA

(Unit:MCM)

Year/	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1949/50	181.6	204.9	298.0	220.3	177.1	279.8	145.9	140.3	239.7	237.7	288.1	294.7	2708.1
1950/51	192.2	281.0	218.1	479.5	227.1	157.6	212.6	182.6	284.5	314.5	185.3	182.1	2917.0
1951/52	189.5	337.6	291.7	354.9	243.8	160.6	188.2	347.6	386.9	281.3	308.9	174.5	3265.5
1952/53	404.4	247.5	160.8	226.2	204.3	205.7	173.5	224.1	306.2	154.7	210.3	249.4	2767.1
1953/54	273.7	283.1	218.5	288.3	277.1	273.8	218.4	225.7	140.1	144.7	273.7	211.3	2828.4
1954/55	289.3	341.1	381.0	436.5	315.7	219.4	201.7	211.4	473.2	286.6	185.8	213.6	3555.2
1955/56	233.5	235.9	216.3	197.3	258.6	203.1	218.2	198.1	366.5	279.6	294.6	238.2	2940.2
1956/57	274.2	323.7	272.0	326.3	329.2	276.1	211.6	166.4	353.8	269.1	278.6	132.0	3212.9
1957/58	146.1	402.6	1021.0	614.2	202.5	224.0	262.6	286.4	317.4	309.6	236.7	214.1	4237.3
1958/59	313.7	338.8	225.6	177.1	196.7	135.8	232.4	239.0	259.3	341.6	192.4	284.4	2936.8
1959/60	347.8	278.6	262.5	303.9	522.2	233.3	230.6	170.7	320.9	311.6	224.9	416.9	3623.9
1960/61	379.7	575.6	173.8	219.0	170.6	163.7	161.1	201.7	214.9	284.8	247.2	272.4	3064.4
1961/62	203.5	279.6	289.3	313.2	209.0	156.2	171.4	309.4	285.4	305.4	241.8	335.9	3100.0
1962/63	334.0	287.9	287.9	397.1	265.8	155.2	177.1	200.1	237.3	287.1	235.7	254.5	3119.7
1963/64	253.7	321.8	444.0	577.3	395.5	247.7	149.4	214.2	240.2	241.1	280.5	216.8	3582.2
1964/65	183.8	399.4	252.2	231.5	293.6	214.9	250.2	242.6	245.9	293.8	189.5	128.8	2926.3
1965/66	265.8	275.3	300.0	250.1	236.5	174.7	176.4	236.8	206.1	240.1	137.5	300.4	2799.8
1966/67	271.5	303.5	177.1	223.1	338.5	225.3	172.8	168.8	224.7	249.8	211.5	138.6	2705.1
1967/68	273.1	322.3	370.3	240.7	258.1	278.8	220.4	219.4	307.9	316.8	314.0	306.2	3428.0
1968/69	295.4	344.8	322.9	257.3	323.8	274.5	219.5	252.7	362.4	216.7	102.1	270.6	3242.5
1969/70	280.5	317.6	343.3	342.1	296.4	266.8	180.8	167.9	225.8	247.6	301.1	277.6	3247.6
1970/71	283.8	317.8	415.7	385.2	195.7	161.5	223.7	178.8	283.6	322.7	284.0	422.2	3474.7
1971/72	272.8	229.1	547.5	204.1	276.9	115.7	199.8	266.3	248.2	227.5	214.7	230.4	3033.1
1972/73	313.9	386.9	520.2	208.7	205.2	191.8	224.6	179.1	222.2	194.7	285.6	151.0	3083.9
1973/74	71.2	274.5	315.7	256.1	246.3	191.4	205.4	211.1	337.9	283.8	313.0	380.8	3087.2
1974/75	235.5	309.1	231.0	317.7	312.0	221.1	191.1	197.7	327.7	208.5	283.1	276.8	3111.3
1975/76	274.5	354.5	252.0	323.0	362.5	278.0	218.7	89.4	28.4	91.7	104.2	123.2	2500.0
1976/77	195.1	325.5	222.6	161.9	181.5	181.9	174.1	258.4	268.1	212.9	120.7	106.9	2409.6
1977/78	269.4	320.8	275.4	316.8	241.0	237.0	161.7	228.4	285.8	320.6	345.0	259.9	3261.7
1978/79	273.0	381.5	309.3	201.3	285.6	275.4	228.1	173.2	136.1	205.0	133.7	268.4	2870.8
1979/80	274.5	328.2	274.3	322.4	333.1	169.8	182.6	125.6	73.6	169.6	199.8	135.7	2589.2
1980/81	194.5	339.4	194.3	232.4	211.6	166.5	149.8	90.2	261.2	177.8	146.8	275.2	2439.8
1981/82	274.2	323.8	183.3	162.9	167.4	157.9	154.7	178.3	351.2	211.4	165.3	95.3	2425.9
1982/83	156.6	322.1	323.0	273.3	244.9	172.9	124.7	89.5	48.7	70.8	145.6	138.6	2110.7
1983/84	110.9	346.7	348.5	336.9	314.1	240.2	241.3	199.7	318.7	322.8	186.8	259.1	3225.8
1984/85	264.3	191.1	222.6	281.0	278.0	277.3	219.8	191.9	371.5	290.0	264.0	277.5	3128.9
1985/86	279.6	329.0	268.6	343.9	135.5	253.4	140.1	117.7	169.2	251.6	264.5	280.7	2833.8
Average	252.2	318.4	308.9	297.4	263.1	211.3	195.0	199.5	263.0	248.0	226.9	237.7	3021.5

TOTAL INFLOW
CASE : A-118
POINT: RANTEMBE

(Unit:MCM)

Year/	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1949/50	186.8	177.3	290.1	182.2	174.4	290.0	179.2	189.5	335.9	346.4	282.6	229.9	2864.3
1950/51	200.6	252.7	279.4	293.6	175.5	290.1	182.8	189.6	336.2	346.0	264.3	282.5	3093.2
1951/52	200.6	204.8	186.4	318.9	295.9	173.3	203.5	357.4	389.3	341.4	310.4	175.1	3156.9
1952/53	354.4	296.9	173.1	279.4	279.4	286.5	194.3	250.7	389.9	270.1	289.8	279.4	3344.2
1953/54	279.4	240.4	232.5	247.4	231.2	279.4	279.4	289.6	141.5	202.5	275.6	214.0	2912.8
1954/55	303.8	311.3	610.4	324.3	304.7	241.1	215.4	221.9	476.7	344.9	218.7	182.4	3755.5
1955/56	181.7	322.3	236.3	276.6	314.4	279.4	279.4	301.9	385.1	346.9	295.3	242.6	3462.1
1956/57	279.4	279.4	279.4	279.4	279.4	279.4	271.6	227.9	356.5	327.0	279.4	133.7	3272.4
1957/58	157.8	283.0	844.5	666.6	217.6	230.0	274.8	297.1	382.1	405.0	238.4	214.1	4211.1
1958/59	218.5	293.6	235.0	199.6	330.1	177.5	286.5	246.7	349.6	377.9	293.1	285.4	3293.6
1959/60	256.6	201.3	197.5	193.6	488.9	244.5	243.4	178.3	387.5	333.7	299.0	318.9	3343.1
1960/61	331.8	589.9	201.0	207.9	179.7	169.2	175.2	221.8	348.7	342.3	296.8	285.8	3350.2
1961/62	223.5	204.8	182.7	255.3	214.1	174.2	177.2	301.1	348.0	400.7	267.2	312.3	3061.3
1962/63	204.1	287.8	280.8	411.3	274.9	169.2	177.2	235.9	349.4	369.7	265.4	306.9	3332.5
1963/64	210.5	187.9	355.3	596.8	404.8	258.0	169.2	237.8	348.7	353.8	294.9	203.8	3621.5
1964/65	186.8	321.0	211.3	309.1	279.4	284.6	214.5	193.4	358.1	336.0	201.4	200.6	3096.3
1965/66	200.7	204.8	186.2	189.7	322.4	177.5	177.2	265.8	340.2	365.6	237.8	282.6	2950.5
1966/67	226.6	227.0	221.1	217.6	279.4	283.0	221.2	217.7	290.8	343.9	212.8	141.2	2882.4
1967/68	279.4	279.4	283.0	217.5	279.4	279.4	279.4	279.4	310.0	376.0	315.5	308.2	3486.8
1968/69	302.0	301.9	279.4	279.4	279.4	279.4	280.5	313.5	364.3	275.2	103.1	273.2	3331.4
1969/70	289.3	278.1	279.4	279.4	279.4	283.0	221.2	217.6	323.7	331.4	303.1	279.4	3365.0
1970/71	296.6	279.4	283.0	221.2	223.5	283.0	224.8	189.4	359.6	366.9	285.9	207.0	3220.1
1971/72	183.2	293.0	455.3	284.5	309.9	172.8	286.5	258.4	350.7	345.5	285.6	279.4	3504.8
1972/73	279.4	283.0	231.7	213.9	292.6	279.4	279.4	292.4	293.5	312.5	288.2	152.8	3198.7
1973/74	76.2	230.4	279.4	279.4	200.4	194.1	279.4	279.4	343.5	344.9	315.9	282.6	3105.6
1974/75	241.8	320.5	279.4	279.4	267.2	227.2	257.8	261.6	331.8	267.6	285.3	279.4	3299.0
1975/76	279.4	279.4	279.5	279.4	309.2	279.4	279.4	150.3	29.6	147.9	104.9	124.2	2542.6
1976/77	201.0	280.7	228.9	117.4	130.3	185.2	234.4	319.1	269.8	271.0	121.7	108.8	2468.2
1977/78	279.4	279.4	279.4	275.3	197.2	242.8	228.2	279.4	306.6	380.1	347.8	262.5	3358.1
1978/79	279.4	279.4	283.0	217.6	279.4	279.4	286.7	232.0	137.6	263.0	135.0	270.6	2943.0
1979/80	279.4	279.4	279.4	279.4	290.4	174.9	248.3	186.7	76.9	227.6	200.9	137.3	2660.6
1980/81	200.1	295.8	203.5	181.7	157.8	166.4	206.6	148.2	261.8	237.0	147.8	279.4	2486.2
1981/82	279.4	279.4	189.1	113.2	115.7	159.7	213.6	238.2	353.4	269.5	166.5	97.4	2475.2
1982/83	163.0	279.4	279.4	288.6	198.1	175.9	183.1	149.2	50.3	128.4	146.5	140.6	2182.6
1983/84	116.4	301.9	279.4	283.0	221.2	224.8	200.2	194.7	390.6	347.6	288.4	282.9	3131.1
1984/85	246.9	194.2	279.4	279.4	279.4	279.4	279.4	251.4	336.3	351.5	298.4	279.5	3355.3
1985/86	281.8	279.4	279.4	366.6	174.8	180.8	167.9	169.0	249.7	322.8	286.9	279.4	3038.5
Average	236.7	275.1	282.0	275.3	257.6	233.3	231.3	238.8	309.6	316.8	250.0	232.9	3139.4

TOTAL INFLOW
CASE : A-118
POINT: MINIPE ACT

(Unit:MCM)

Year/	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1949/50	187.0	187.2	279.9	183.2	184.6	279.6	182.9	196.9	336.1	346.6	279.6	226.8	2870.4
1950/51	200.9	259.9	281.2	280.5	190.1	280.0	183.2	191.8	335.9	346.0	273.5	276.4	3099.4
1951/52	201.0	201.7	183.9	316.6	299.1	175.5	200.8	357.7	389.3	343.3	310.4	174.9	3154.1
1952/53	353.0	300.9	187.1	280.2	279.9	279.7	197.0	256.2	387.1	273.4	290.0	279.7	3364.1
1953/54	279.7	241.1	232.9	248.2	231.7	279.8	279.7	290.0	141.6	202.7	275.7	214.3	2917.3
1954/55	304.5	312.6	597.7	326.7	306.3	241.6	216.0	222.4	476.8	346.6	221.8	179.1	3752.1
1955/56	180.2	326.1	250.2	276.9	314.5	279.5	279.5	302.1	385.2	347.2	295.4	243.0	3479.7
1956/57	279.7	279.9	279.8	279.8	279.8	279.7	271.9	228.3	356.7	327.2	279.5	133.8	3276.2
1957/58	158.3	280.8	833.6	668.0	221.7	226.7	275.3	297.6	387.1	405.1	238.4	214.2	4206.7
1958/59	215.5	292.3	235.5	203.4	333.7	187.8	280.0	254.1	349.9	378.1	293.2	282.3	3305.9
1959/60	253.8	201.3	197.0	192.9	481.9	245.0	243.8	179.8	391.2	333.8	311.5	303.4	3335.4
1960/61	330.4	590.5	204.8	204.8	180.1	172.9	177.6	220.4	350.1	345.6	306.4	279.6	3363.1
1961/62	223.7	201.1	183.4	249.0	216.5	175.7	177.4	297.9	352.9	400.6	279.7	299.8	3057.8
1962/63	201.2	289.9	277.6	411.9	275.2	172.8	177.5	236.1	350.8	372.8	274.7	300.7	3341.4
1963/64	207.8	187.4	349.2	597.6	405.2	258.3	172.9	237.9	362.7	354.0	288.6	200.7	3622.4
1964/65	187.0	320.5	211.5	320.1	279.8	279.8	209.3	204.3	351.0	337.2	201.3	200.7	3102.5
1965/66	201.0	201.3	183.5	186.7	326.2	177.6	177.4	267.9	352.2	362.7	241.1	279.6	2957.0
1966/67	226.9	227.0	221.5	221.7	279.9	279.8	221.5	221.5	290.9	344.2	212.9	141.4	2889.2
1967/68	279.7	280.1	280.0	221.5	279.6	279.6	279.6	279.8	310.3	376.2	315.6	308.4	3490.4
1968/69	302.5	301.9	280.3	280.2	279.9	279.8	280.8	313.8	364.4	275.4	103.2	273.4	3335.8
1969/70	289.7	278.8	280.6	280.4	280.0	279.9	221.7	221.7	323.9	331.6	303.2	279.6	3371.0
1970/71	297.2	280.2	280.7	222.1	228.0	280.0	222.3	197.1	359.9	367.2	279.7	200.8	3215.2
1971/72	180.2	309.2	438.2	288.4	313.6	183.3	279.8	265.8	350.8	345.7	285.7	279.5	3520.2
1972/73	279.8	280.0	221.7	228.8	293.7	280.0	280.1	293.0	293.9	312.7	288.4	152.9	3204.9
1973/74	76.5	230.9	280.5	280.2	201.0	194.3	280.3	280.0	343.8	345.2	316.1	279.7	3108.7
1974/75	242.2	324.1	279.8	280.3	267.7	227.6	258.3	262.0	332.1	267.8	285.4	279.7	3307.0
1975/76	279.8	279.7	279.7	280.0	309.5	279.6	279.8	150.6	29.7	148.0	105.0	124.3	2545.6
1976/77	201.4	281.3	229.2	117.9	130.6	185.4	234.7	319.4	269.9	271.2	121.8	108.9	2471.8
1977/78	279.9	280.0	279.6	276.1	197.8	243.3	228.7	280.0	306.9	380.4	348.0	262.7	3363.4
1978/79	279.7	280.0	280.1	221.9	279.8	279.7	286.9	232.2	137.7	263.3	135.1	270.8	2947.4
1979/80	279.7	279.8	279.8	280.1	291.0	175.3	248.9	187.0	77.1	227.8	201.0	137.4	2664.9
1980/81	200.1	296.4	204.0	182.0	158.0	166.5	206.8	148.4	261.9	237.2	148.0	279.7	2488.9
1981/82	279.8	280.0	189.4	113.6	116.0	159.8	213.8	238.5	353.6	269.7	166.6	97.5	2478.4
1982/83	163.5	280.1	280.1	289.3	198.5	176.2	183.3	149.6	50.5	128.5	146.6	140.7	2186.8
1983/84	116.8	302.5	279.9	280.1	221.7	221.6	197.1	205.7	384.6	354.0	288.5	279.8	3132.4
1984/85	244.0	201.1	279.7	279.8	279.7	279.7	279.7	251.8	336.4	351.8	298.5	279.6	3361.7
1985/86	282.0	279.8	280.0	349.4	178.6	177.5	173.1	179.5	251.8	322.8	286.9	279.4	3040.8
Average	236.4	276.4	280.9	275.7	259.2	233.0	231.3	241.0	310.5	317.4	251.3	231.0	3144.1

TOTAL INFLOW
CASE : A-118
POINT: KANDAKADU

(Unit:MCM)

Year/	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1949/50	168.4	204.8	1076.7	557.4	370.1	448.1	129.6	140.3	121.9	131.4	139.4	79.5	3567.5
1950/51	164.5	62.6	191.0	1483.7	779.8	359.6	174.8	193.7	459.2	305.5	153.5	229.1	4556.8
1951/52	255.3	462.1	838.7	2286.2	695.9	273.6	450.9	444.3	212.3	136.0	96.8	44.2	6196.3
1952/53	236.0	157.4	343.2	688.9	410.0	456.7	174.1	114.4	121.5	99.3	148.3	89.3	3039.2
1953/54	220.0	95.6	206.4	1082.5	600.4	394.5	376.1	105.8	148.6	101.6	109.7	188.5	3629.7
1954/55	104.6	87.0	679.2	1136.3	580.1	370.7	445.9	371.8	373.0	134.9	102.2	86.2	4471.8
1955/56	112.9	125.3	208.9	338.6	147.7	140.9	97.7	113.8	95.1	133.5	93.3	90.5	1698.0
1956/57	116.0	319.3	591.8	512.6	474.3	243.0	101.2	78.8	121.6	89.3	68.2	50.5	2766.4
1957/58	92.2	335.1	3236.8	1720.3	430.6	377.1	534.0	133.6	121.6	107.5	47.5	42.0	7178.3
1958/59	80.3	111.5	385.6	432.4	171.6	75.2	76.9	110.4	129.3	93.1	64.8	42.2	1773.2
1959/60	87.8	214.1	486.3	772.3	1582.4	519.2	321.7	126.6	121.8	71.7	43.8	43.5	4391.2
1960/61	97.3	412.0	213.3	534.7	297.2	283.0	179.2	125.7	121.8	86.6	60.7	43.2	2454.7
1961/62	78.8	374.4	1105.3	891.4	375.7	135.1	164.2	107.2	122.1	107.6	61.8	43.0	3566.5
1962/63	78.3	84.4	445.0	1211.6	751.4	394.2	285.3	124.7	108.4	90.8	51.6	42.2	3667.9
1963/64	79.3	291.5	1517.5	1528.0	932.0	568.3	171.5	160.6	121.7	71.5	84.2	91.8	5617.9
1964/65	84.6	128.0	266.9	187.8	707.6	201.7	241.2	306.7	162.2	128.2	128.5	73.4	2616.8
1965/66	195.4	425.8	1022.4	752.8	355.7	395.0	237.5	174.8	121.5	103.6	82.2	73.3	3940.0
1966/67	376.4	573.2	341.7	575.6	670.2	321.1	189.8	189.0	121.6	110.1	86.7	100.2	3655.5
1967/68	281.9	372.6	755.7	567.2	231.8	276.6	207.8	123.2	107.1	107.5	62.3	40.8	3134.5
1968/69	86.6	51.0	205.6	404.8	249.8	96.6	67.3	113.4	121.7	65.4	89.5	30.7	1582.3
1969/70	93.6	87.8	696.1	911.9	916.0	289.0	254.4	114.8	117.9	107.6	59.2	49.5	3697.8
1970/71	78.6	91.7	355.3	805.1	235.8	162.1	89.1	129.2	121.6	108.4	68.6	128.6	2374.1
1971/72	135.3	276.6	1247.1	316.2	183.9	127.3	109.7	136.4	137.0	111.3	94.6	89.2	2964.5
1972/73	359.7	582.1	711.0	297.9	192.2	114.3	173.9	110.1	99.7	98.0	57.7	85.3	2882.1
1973/74	110.5	238.6	693.3	412.3	157.4	183.2	130.1	118.3	112.4	113.7	59.8	52.6	2382.1
1974/75	96.7	97.7	386.6	393.0	153.2	235.5	127.6	75.2	121.6	119.9	77.1	114.9	1999.0
1975/76	96.4	255.1	556.8	765.2	364.9	88.6	123.3	121.5	85.5	62.1	57.1	29.3	2605.6
1976/77	51.2	114.3	538.6	169.0	35.3	127.6	48.6	110.0	61.3	50.2	72.8	69.9	1448.9
1977/78	358.5	425.1	846.9	499.8	212.9	198.1	83.7	105.5	75.3	74.4	60.6	22.7	2963.6
1978/79	162.1	447.5	1115.7	446.6	159.9	137.6	55.8	87.9	73.7	62.8	26.8	74.5	2851.0
1979/80	337.8	535.5	581.4	384.5	163.9	67.2	81.3	148.8	36.1	40.2	19.0	14.2	2410.1
1980/81	62.8	130.2	280.6	363.5	253.4	104.2	90.4	89.6	80.4	66.8	56.3	79.7	1657.9
1981/82	127.8	212.0	330.3	286.6	78.1	80.8	60.8	84.0	96.9	70.2	62.7	53.2	1543.2
1982/83	123.5	191.0	842.4	487.8	148.6	75.8	51.4	60.6	46.7	38.6	46.6	43.6	2156.4
1983/84	46.0	72.0	326.8	577.1	664.1	477.5	383.9	114.2	122.0	103.2	58.5	43.6	2988.8
1984/85	87.8	107.4	197.6	452.8	303.3	278.4	132.4	104.0	121.8	67.1	57.7	51.9	1962.0
1985/86	90.3	159.7	660.6	581.9	313.0	426.3	77.2	148.1	122.4	108.6	96.7	44.0	2828.6
Average	146.4	240.9	661.8	697.7	414.9	256.9	181.1	141.0	128.8	99.4	75.9	69.5	3114.1

TOTAL INFLOW
CASE : A-118
POINT: UMAOYA 1000

(Unit:MCM)

Year/	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1949/50	25.7	35.7	28.6	31.6	19.0	14.9	26.1	25.6	16.5	17.1	12.8	16.2	269.8
1950/51	28.6	53.3	102.8	64.9	38.7	30.7	33.9	36.9	24.4	15.5	14.6	10.9	455.2
1951/52	35.7	67.2	80.0	64.6	88.1	42.4	49.1	35.0	20.2	26.6	17.4	14.7	541.0
1952/53	28.4	31.5	14.7	42.8	29.0	19.8	35.4	38.2	23.4	20.0	14.1	16.1	313.4
1953/54	24.7	38.7	40.9	43.8	32.1	27.0	25.7	27.8	13.2	15.1	13.9	16.5	319.4
1954/55	43.2	73.1	277.6	145.7	79.0	66.2	44.8	36.9	24.0	20.9	17.8	12.6	841.8
1955/56	22.2	22.7	11.8	11.5	8.7	3.8	5.9	11.3	12.3	22.8	10.1	22.2	165.3
1956/57	23.0	34.4	29.4	27.8	27.0	19.7	22.0	27.2	17.4	15.2	10.6	13.2	266.9
1957/58	35.5	79.2	179.1	88.0	37.3	35.1	40.6	37.5	18.9	17.6	17.8	11.2	597.8
1958/59	26.6	34.1	31.1	26.8	16.0	8.8	32.2	28.8	23.8	19.7	11.0	12.8	271.7
1959/60	30.2	42.4	31.8	45.9	77.5	38.5	42.3	29.3	16.3	26.6	14.8	20.1	415.7
1960/61	28.2	44.2	19.4	39.9	31.7	27.8	31.7	40.8	20.9	16.6	16.2	16.3	333.7
1961/62	17.4	34.7	43.7	42.7	26.8	21.1	24.3	31.1	15.2	14.4	13.7	16.2	301.3
1962/63	28.0	24.0	28.6	44.3	31.6	22.8	28.1	25.8	16.8	14.0	10.9	12.6	287.5
1963/64	29.7	44.9	56.7	58.3	32.4	36.1	21.2	19.9	14.9	15.1	13.5	13.8	356.5
1964/65	25.5	36.9	29.1	41.8	28.4	20.0	31.1	28.5	17.5	16.2	12.7	14.4	302.1
1965/66	27.7	44.0	48.7	33.9	28.2	20.0	25.9	19.9	12.1	17.1	12.8	16.6	306.9
1966/67	23.5	28.0	21.3	34.2	28.4	21.6	21.4	22.7	13.8	18.0	12.0	16.5	261.4
1967/68	26.7	38.5	39.0	27.0	17.7	10.6	18.4	22.8	15.5	19.5	13.1	14.3	263.1
1968/69	28.2	38.2	55.4	45.1	36.0	25.2	25.6	24.6	14.8	17.3	11.0	16.2	337.6
1969/70	28.0	47.1	71.8	58.4	36.2	27.7	34.3	35.8	17.9	16.5	14.9	13.8	402.4
1970/71	38.7	50.1	80.3	57.5	56.4	32.9	67.0	38.4	25.3	26.5	16.8	19.8	509.7
1971/72	23.4	28.5	27.9	27.8	25.7	14.4	23.7	30.8	14.2	15.2	12.0	12.9	256.5
1972/73	29.2	38.7	32.6	49.7	61.7	33.4	39.5	42.1	27.1	20.4	16.5	13.7	404.6
1973/74	22.4	34.9	69.6	53.1	32.0	17.2	55.1	39.6	26.9	25.7	17.6	15.3	409.4
1974/75	27.9	29.0	25.2	50.6	34.9	29.2	35.4	28.1	22.1	19.3	15.0	16.2	332.9
1975/76	22.5	22.6	18.8	33.3	15.3	13.3	24.3	25.4	12.4	9.6	10.1	10.9	218.5
1976/77	25.9	33.1	25.8	34.2	22.3	19.4	23.0	24.5	14.1	15.9	10.9	13.9	263.0
1977/78	31.2	42.2	18.0	42.6	37.5	28.1	34.9	39.6	20.6	20.6	16.9	16.3	348.5
1978/79	27.0	37.2	44.6	45.2	27.4	21.8	17.3	18.2	13.2	15.8	12.0	15.1	294.8
1979/80	22.0	28.2	22.0	38.7	40.4	25.7	32.7	26.1	19.2	15.8	11.4	13.2	295.4
1980/81	24.4	36.1	28.1	22.5	13.7	8.2	11.2	15.7	10.5	19.8	11.0	21.7	222.9
1981/82	22.9	34.0	24.0	25.8	20.8	14.5	18.5	22.0	15.6	16.2	11.6	14.6	240.5
1982/83	27.1	38.7	42.6	39.4	29.7	18.7	16.8	21.3	13.6	14.3	10.7	14.5	287.4
1983/84	24.4	33.1	32.2	43.1	32.5	28.9	35.1	31.2	18.4	20.0	14.7	14.9	328.5
1984/85	24.9	33.8	20.0	28.4	22.2	15.8	20.9	21.1	15.0	15.8	11.1	14.5	243.5
1985/86	13.5	25.3	32.8	148.7	27.0	27.0	28.7	20.8	7.3	3.9	9.0	3.4	347.4
Average	26.9	38.9	48.3	47.6	33.8	24.0	29.8	28.4	17.4	17.7	13.3	14.8	340.9

TOTAL INFLOW
CASE : A-118
POINT: UMAOYA 500

(Unit:MCM)

Year/	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1949/50	18.0	46.9	43.2	47.7	27.9	21.8	38.4	37.6	24.2	24.9	18.6	23.6	372.8
1950/51	43.1	80.5	155.6	98.1	58.4	46.3	51.2	55.7	35.9	22.6	21.3	15.8	684.6
1951/52	53.9	101.6	121.1	97.6	133.2	64.0	74.2	52.8	29.6	39.0	25.4	21.4	813.9
1952/53	41.7	47.5	21.6	64.7	43.7	29.0	53.4	57.7	34.4	29.3	20.5	23.5	467.1
1953/54	36.3	58.4	61.9	66.1	48.4	39.7	37.8	41.9	19.3	22.0	20.2	24.1	476.2
1954/55	65.2	110.5	420.4	220.5	119.5	100.1	67.6	55.7	35.3	30.6	26.0	18.3	1269.8
1955/56	32.6	33.4	17.3	16.8	12.6	10.7	10.6	11.0	16.0	33.4	14.6	32.5	241.7
1956/57	33.8	51.9	43.4	41.9	39.7	28.9	32.3	40.0	25.5	22.2	15.4	19.2	394.3
1957/58	53.6	119.8	271.2	133.1	56.3	53.0	61.3	56.6	27.7	25.7	26.0	16.2	900.6
1958/59	39.1	51.5	47.0	39.4	23.4	12.8	48.6	42.3	35.0	28.8	15.9	18.6	402.5
1959/60	45.5	64.0	48.1	69.3	117.2	58.1	63.9	44.2	23.9	39.0	21.6	29.4	624.3
1960/61	42.5	66.7	28.6	60.2	47.8	40.9	47.8	61.6	30.7	24.2	23.6	23.8	498.5
1961/62	25.5	52.4	66.1	64.5	39.4	31.0	35.7	46.9	22.3	21.0	19.9	23.6	448.4
1962/63	41.2	35.2	43.2	66.9	47.7	33.5	42.4	37.9	24.6	20.4	15.8	18.3	427.2
1963/64	44.8	67.8	85.8	88.1	48.9	54.5	31.1	29.2	21.8	22.0	19.6	20.1	533.8
1964/65	37.5	55.7	44.0	63.1	42.8	29.3	46.9	41.9	25.7	23.6	18.5	21.0	450.1
1965/66	40.7	66.4	73.7	51.2	42.5	29.4	38.1	29.2	17.7	25.0	18.6	24.2	456.8
1966/67	34.5	42.2	31.4	51.6	42.8	31.7	31.4	33.3	20.2	26.3	17.5	24.1	387.1
1967/68	39.3	58.1	59.0	39.7	26.0	15.5	27.0	33.5	22.7	28.5	19.1	20.8	389.3
1968/69	41.5	57.7	83.8	68.1	54.3	37.0	37.6	36.1	21.7	25.3	16.0	23.6	502.8
1969/70	42.2	71.2	108.7	88.3	54.6	40.7	51.8	54.0	26.2	24.1	21.7	20.1	603.7
1970/71	58.4	75.7	121.5	86.9	85.3	49.6	101.3	57.9	37.2	38.8	24.5	29.0	766.2
1971/72	34.4	43.0	42.2	41.9	37.8	21.1	34.8	46.4	20.8	22.2	17.4	18.8	380.9
1972/73	42.9	58.4	49.3	75.1	93.2	50.4	59.6	63.6	39.8	29.9	24.1	20.0	606.4
1973/74	32.9	52.6	105.3	80.2	48.2	25.2	83.3	59.8	39.5	37.7	25.7	22.3	612.8
1974/75	41.0	43.7	37.1	76.5	52.7	42.9	53.4	42.4	32.5	28.2	21.8	23.6	495.9
1975/76	33.0	33.2	27.7	50.2	22.4	19.5	35.7	37.3	18.1	13.9	14.6	15.8	321.5
1976/77	38.1	49.9	38.0	51.6	32.8	28.5	33.8	36.0	20.6	23.2	15.8	20.2	388.6
1977/78	47.0	63.7	26.5	64.3	56.6	41.3	52.6	59.8	30.2	30.1	24.7	23.8	520.7
1978/79	39.7	56.2	67.5	68.3	40.3	32.0	25.3	26.7	19.3	23.1	17.4	22.0	437.9
1979/80	32.3	41.5	32.4	58.4	61.0	37.8	49.4	38.4	28.2	23.1	16.6	19.2	438.4
1980/81	35.9	54.5	42.5	33.0	20.1	11.9	16.3	23.0	15.3	29.0	16.0	31.7	329.3
1981/82	33.6	51.3	35.3	37.9	30.5	21.2	27.1	32.3	22.8	23.6	16.8	21.3	353.8
1982/83	39.9	58.4	64.4	59.5	44.8	27.4	24.6	31.3	19.9	20.8	15.5	21.1	427.7
1983/84	35.9	49.9	48.7	65.1	49.0	42.5	53.0	47.0	27.0	29.3	21.4	21.7	490.6
1984/85	36.6	51.0	29.5	41.7	32.6	23.2	30.7	31.0	22.0	23.1	16.1	21.1	358.7
1985/86	19.7	37.2	49.6	225.0	39.7	39.7	42.2	30.5	10.6	10.2	10.1	10.1	524.5
Average	39.3	58.4	72.8	71.7	50.7	35.7	44.7	42.2	25.5	26.1	19.3	21.7	508.1

TOTAL INFLOW
CASE : A-118
POINT: UKUWELA

(Unit:MCM)

Year/	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1949/50	54.3	87.5	55.3	64.7	96.0	54.3	68.3	120.0	119.1	128.4	104.1	65.2	1017.2
1950/51	60.2	101.6	70.0	54.3	59.6	55.1	65.2	83.1	146.6	146.7	75.0	65.2	982.5
1951/52	65.2	58.9	103.6	54.2	81.6	54.2	65.1	146.6	146.7	146.9	106.9	65.2	1095.1
1952/53	99.5	79.5	65.7	69.3	85.8	56.8	65.2	68.9	86.5	97.2	77.8	65.1	917.3
1953/54	54.2	44.8	36.2	42.2	34.1	54.3	65.2	85.1	23.5	34.0	63.8	42.3	579.6
1954/55	79.3	54.2	54.3	54.3	55.0	54.2	65.1	132.6	146.7	146.6	79.5	65.2	987.1
1955/56	103.7	93.2	73.4	103.6	96.5	76.1	73.6	79.7	146.7	95.8	65.1	55.0	1062.3
1956/57	54.2	103.8	97.7	57.1	54.3	54.6	58.6	40.7	120.4	146.7	65.1	22.1	875.1
1957/58	19.4	65.1	103.7	54.2	91.0	54.2	65.1	131.4	146.7	117.9	79.0	65.2	992.8
1958/59	55.7	103.8	103.8	102.7	96.8	76.5	65.3	98.3	146.7	146.7	146.7	72.6	1215.5
1959/60	61.3	101.1	73.3	103.8	54.2	54.2	65.1	146.7	144.6	116.9	105.9	65.2	1092.3
1960/61	103.7	89.3	94.0	54.2	97.3	54.2	66.9	146.0	108.8	119.0	121.0	65.2	1119.6
1961/62	57.1	103.8	60.5	54.2	86.1	64.6	65.1	86.6	141.3	106.7	96.5	65.2	987.6
1962/63	55.5	103.7	103.7	54.2	54.2	54.2	65.1	114.0	92.9	115.8	99.9	65.2	978.4
1963/64	61.3	54.3	103.7	54.2	54.2	54.2	66.9	129.2	92.9	140.9	79.4	65.2	956.4
1964/65	67.3	103.8	103.7	78.6	90.2	66.3	65.2	146.7	146.8	119.6	82.2	77.0	1147.3
1965/66	54.3	56.2	54.3	77.7	67.3	54.6	65.2	84.9	74.8	91.6	91.5	80.2	852.7
1966/67	54.3	59.0	54.3	101.8	91.8	54.3	76.7	84.1	116.1	114.1	38.9	19.7	865.2
1967/68	54.4	103.8	54.3	74.4	103.6	54.3	65.1	65.1	65.1	134.9	85.5	76.5	936.9
1968/69	57.7	103.8	103.7	94.0	54.2	54.2	69.4	120.1	106.5	62.4	9.1	62.9	898.0
1969/70	54.3	53.8	54.3	103.8	103.7	59.5	65.8	106.6	104.3	106.0	89.1	65.1	966.3
1970/71	84.6	65.1	103.8	93.4	77.8	75.2	65.2	144.5	130.1	144.1	71.3	65.2	1120.3
1971/72	103.7	103.8	76.8	62.4	80.0	69.2	65.2	146.7	83.0	132.8	138.4	65.2	1127.2
1972/73	55.5	103.8	54.5	58.0	103.8	68.5	70.6	114.8	81.8	85.9	65.1	27.8	890.0
1973/74	4.3	52.4	54.3	54.2	31.4	26.1	94.4	114.9	89.9	146.7	146.7	81.2	896.5
1974/75	103.8	103.7	103.8	103.8	53.2	31.1	40.3	51.7	131.3	59.8	131.7	97.7	1011.8
1975/76	76.4	103.8	103.8	103.8	103.7	54.2	65.1	16.0	1.1	19.8	16.7	22.1	686.4
1976/77	32.9	54.2	39.4	18.0	17.2	21.6	28.2	101.8	61.6	61.2	21.9	21.1	479.2
1977/78	64.0	103.7	54.2	52.8	23.5	34.1	13.5	141.8	65.1	116.4	140.1	63.5	872.7
1978/79	54.2	103.8	60.0	103.7	103.7	54.9	65.1	46.9	26.6	59.2	23.4	62.5	764.0
1979/80	54.2	103.7	54.3	57.3	71.0	20.3	36.2	22.7	7.1	43.1	42.6	26.9	539.5
1980/81	32.7	54.2	31.0	28.2	18.8	19.4	17.9	12.2	59.2	45.2	29.9	108.2	456.9
1981/82	54.2	66.4	30.4	20.7	16.0	17.5	22.7	44.8	129.8	61.6	32.8	17.4	514.5
1982/83	23.3	54.2	103.8	69.5	32.4	19.7	8.2	13.1	5.7	12.8	29.3	30.5	402.5
1983/84	13.1	103.7	54.3	54.5	54.3	54.3	65.1	102.9	119.0	146.7	82.5	65.2	915.7
1984/85	55.3	102.2	78.9	95.2	64.3	54.2	65.1	50.7	127.7	146.7	136.0	65.1	1041.6
1985/86	54.2	54.2	54.2	54.2	103.7	54.3	65.1	127.7	89.3	89.5	73.3	65.1	884.8
Average	59.3	82.6	72.5	68.6	69.3	51.1	58.9	93.8	98.2	102.9	79.6	58.8	895.4

TOTAL INFLOW
CASE : A-118
POINT: SUDU GANGA (Unit:MCM)

Year/	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1949/50	65.1	117.0	133.6	110.9	115.9	87.0	78.2	129.2	130.1	138.3	113.1	79.5	1297.9
1950/51	74.8	116.8	88.3	177.7	84.5	67.9	85.4	94.0	163.8	158.6	80.4	81.2	1273.2
1951/52	92.0	104.0	155.7	131.1	111.4	70.0	83.3	170.3	173.5	167.0	124.6	77.1	1460.0
1952/53	150.4	125.8	100.8	98.7	107.4	78.0	93.7	70.9	90.4	110.5	88.1	72.2	1186.9
1953/54	90.6	77.9	81.5	109.9	72.3	89.2	101.9	103.7	37.3	47.4	75.7	49.4	936.7
1954/55	110.6	86.0	139.4	145.6	106.4	83.3	102.4	169.1	175.1	166.9	91.7	87.8	1464.4
1955/56	125.9	116.0	102.9	125.1	102.3	82.9	80.2	84.3	161.3	102.2	69.4	59.2	1211.6
1956/57	67.2	156.5	143.4	95.8	91.7	80.8	72.0	59.7	148.0	164.3	71.7	27.0	1177.9
1957/58	49.0	134.9	289.5	122.7	107.1	93.2	100.2	159.3	155.5	124.9	91.2	69.3	1496.7
1958/59	74.8	124.9	141.7	124.5	105.5	80.7	77.7	114.4	157.7	164.3	158.9	80.2	1405.2
1959/60	84.7	134.7	119.7	146.3	141.6	83.3	89.2	161.0	154.2	136.8	111.3	71.9	1434.7
1960/61	123.3	148.0	126.7	94.4	122.0	72.2	80.6	164.0	119.0	128.9	134.6	70.4	1384.1
1961/62	64.8	142.4	111.4	107.1	112.7	76.4	86.1	119.3	151.1	116.1	105.9	75.9	1269.1
1962/63	92.2	133.5	155.3	133.2	100.6	67.9	85.8	124.6	99.5	122.2	105.8	69.7	1290.3
1963/64	72.6	89.2	185.1	140.3	109.7	84.0	81.7	141.9	100.4	151.6	87.3	72.6	1316.4
1964/65	75.6	128.6	149.2	103.1	125.5	77.8	90.0	178.6	157.4	124.5	92.4	80.8	1383.4
1965/66	74.6	94.7	115.4	114.4	87.3	76.5	81.6	92.0	80.1	95.3	93.6	89.2	1094.8
1966/67	76.4	115.1	88.5	137.8	135.0	71.6	87.1	91.6	121.8	118.3	44.0	22.2	1109.5
1967/68	77.7	167.5	148.8	112.9	114.6	76.8	77.6	71.9	69.7	146.2	91.3	80.3	1235.2
1968/69	75.1	143.5	171.2	141.8	82.0	69.3	91.2	133.2	116.4	67.4	18.9	70.9	1180.9
1969/70	87.5	79.0	117.7	159.3	175.6	75.4	90.6	121.7	111.5	111.2	92.7	70.8	1293.0
1970/71	98.3	88.5	153.0	152.4	98.2	89.6	87.7	162.8	142.1	151.2	86.3	90.8	1400.9
1971/72	123.0	121.1	190.6	86.2	91.7	72.0	74.2	173.3	89.9	141.4	143.0	68.7	1375.1
1972/73	87.5	138.3	128.9	70.7	116.3	74.8	78.2	120.4	86.1	89.5	68.2	30.5	1089.3
1973/74	8.7	66.5	115.3	82.7	36.7	30.4	106.8	121.3	95.8	155.4	158.0	97.7	1075.3
1974/75	114.4	111.5	137.4	131.4	66.3	46.4	47.7	59.6	140.9	67.5	141.8	107.2	1172.0
1975/76	90.6	138.9	142.6	120.9	108.4	74.8	77.5	26.1	7.2	35.1	21.0	27.6	870.6
1976/77	51.5	95.5	78.6	27.5	28.1	30.0	42.6	108.4	68.0	68.2	30.7	24.1	653.3
1977/78	82.3	142.6	109.0	68.8	50.4	47.8	31.2	145.2	75.5	118.8	148.3	66.9	1086.8
1978/79	77.3	141.1	86.6	127.6	148.4	69.0	82.6	65.6	36.0	68.7	36.7	82.8	1022.4
1979/80	79.8	127.8	68.8	72.9	95.0	34.9	53.8	28.5	15.7	46.8	45.9	30.9	700.9
1980/81	51.6	84.3	93.9	66.0	41.9	34.8	25.4	18.6	60.8	49.5	35.4	117.2	679.4
1981/82	70.1	84.0	62.5	31.4	26.5	26.4	31.4	50.9	137.0	75.3	45.6	24.0	665.3
1982/83	41.5	91.8	183.8	79.4	41.4	30.2	16.6	20.2	12.0	16.7	33.7	32.7	600.0
1983/84	23.2	119.6	99.4	128.9	122.9	89.8	102.0	115.0	127.7	155.9	90.4	82.5	1257.4
1984/85	85.8	135.5	117.4	128.5	90.2	84.8	80.0	58.3	135.7	163.2	144.6	69.5	1293.7
1985/86	75.9	95.8	97.6	201.3	129.6	77.2	70.5	136.1	93.5	94.9	73.3	70.5	1216.2
Average	80.2	116.7	127.9	113.8	97.4	69.1	76.3	107.2	108.0	112.5	87.7	67.1	1163.8

TOTAL INFLOW
CASE : A-118
POINT: BOWATENNA (Unit:MCM)

Year/	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1949/50	52.8	106.8	184.7	140.9	128.3	107.8	84.0	134.4	146.9	162.8	104.4	72.8	1426.5
1950/51	99.3	148.3	100.0	220.8	100.2	75.4	97.9	100.4	184.8	184.5	83.1	61.7	1456.5
1951/52	127.4	114.9	189.6	181.1	130.3	79.6	94.5	185.1	190.3	189.7	135.4	73.7	1691.8
1952/53	183.2	155.7	123.5	117.5	135.5	76.7	111.7	88.1	102.7	120.6	109.6	65.6	1390.4
1953/54	87.2	129.4	92.1	135.1	111.4	96.7	125.3	115.2	72.8	76.2	82.9	78.6	1203.1
1954/55	98.8	121.7	138.6	205.1	139.6	101.6	126.2	192.4	192.9	189.8	98.9	91.4	1697.2
1955/56	139.8	130.5	121.9	155.4	118.1	76.3	81.7	107.6	176.5	128.7	71.5	78.4	1386.4
1956/57	75.5	163.2	162.6	125.1	123.3	68.9	74.5	104.5	169.6	181.6	75.4	67.1	1391.3
1957/58	68.1	119.2	368.4	167.3	117.0	118.1	122.5	176.9	170.9	128.7	98.4	60.7	1716.2
1958/59	91.2	152.6	149.4	153.0	123.2	68.5	70.2	149.3	183.0	179.4	165.7	58.1	1543.6
1959/60	95.0	158.4	144.3	177.0	181.9	101.7	104.2	169.7	170.1	149.1	113.9	65.0	1630.4
1960/61	146.0	175.8	147.8	120.3	137.5	83.3	88.9	175.1	135.4	153.5	133.8	52.6	1550.0
1961/62	82.5	172.7	125.6	141.3	129.6	83.3	99.1	140.1	167.1	121.5	130.0	52.8	1445.7
1962/63	115.8	171.4	170.0	184.6	130.5	76.1	98.6	130.8	113.5	144.5	108.9	50.3	1495.1
1963/64	89.2	94.2	238.3	196.5	145.6	102.8	90.6	149.5	115.0	176.6	83.5	64.0	1545.8
1964/65	94.9	140.1	178.7	133.3	143.9	67.1	94.1	217.8	171.8	147.8	73.7	81.4	1544.7
1965/66	70.0	114.8	155.2	138.1	99.8	90.2	91.6	111.4	94.5	118.0	92.1	73.7	1249.4
1966/67	75.3	141.3	110.6	190.3	148.4	67.6	95.4	131.1	131.1	143.3	64.2	43.3	1341.9
1967/68	88.4	146.4	173.0	137.7	135.9	76.3	85.1	113.2	84.2	169.8	89.0	80.2	1379.4
1968/69	60.8	176.0	211.8	168.6	101.4	73.8	78.9	174.4	145.3	95.2	43.4	75.7	1405.2
1969/70	95.0	80.0	96.8	215.7	203.7	70.6	106.1	149.7	123.8	134.8	84.6	69.6	1430.4
1970/71	103.3	103.8	185.4	167.6	116.7	83.8	101.8	174.0	159.6	173.7	78.1	94.9	1542.8
1971/72	135.2	150.7	246.3	101.4	113.3	69.9	68.0	190.0	120.7	148.3	145.3	50.4	1539.5
1972/73	102.3	175.5	158.6	83.3	133.7	74.0	77.5	155.5	94.5	114.1	69.7	69.2	1307.9
1973/74	11.1	65.0	105.8	123.3	46.0	32.8	78.8	162.6	108.9	163.6	155.4	75.7	1129.0
1974/75	130.6	154.3	118.1	179.8	63.9	55.9	62.6	74.6	130.5	98.5	131.0	110.9	1310.7
1975/76	80.6	152.2	167.2	158.2	106.8	67.4	74.6	78.2	16.3	55.1	23.4	30.7	1010.8
1976/77	63.4	100.3	97.0	41.5	24.4	35.1	62.0	103.8	90.5	82.8	36.0	25.6	762.4
1977/78	85.2	128.6	126.0	91.3	75.8	57.5	65.9	138.5	97.5	133.3	152.1	69.7	1221.7
1978/79	88.3	102.3	66.1	192.9	171.0	64.8	73.8	122.2	62.5	89.0	57.4	88.1	1178.5
1979/80	84.4	88.4	70.4	126.5	116.9	43.9	74.7	43.1	20.9	59.1	47.6	33.0	808.9
1980/81	63.7	92.9	116.8	98.8	46.1	44.4	40.3	32.7	61.4	62.3	38.5	103.8	801.7
1981/82	73.2	110.5	83.4	27.8	22.9	31.6	47.2	64.9	141.1	94.2	53.5	27.9	778.2
1982/83	53.1	105.1	173.8	121.3	53.1	36.6	32.0	34.8	15.6	29.2	36.1	33.7	724.5
1983/84	29.6	119.2	95.3	116.9	167.4	112.4	125.6	122.1	143.1	180.1	86.3	72.2	1370.3
1984/85	110.9	170.2	142.3	147.8	104.6	89.5	89.2	81.4	165.2	177.5	139.4	57.0	1475.0
1985/86	88.8	119.1	125.8	278.8	146.0	91.5	73.3	140.9	122.6	99.8	91.3	70.4	1448.3
Average	90.3	131.1	147.6	147.6	116.0	74.4	85.6	128.0	124.1	131.3	91.4	65.7	1333.3

TOTAL INFLOW
CASE : A-118
POINT: MORAGAHA

(Unit:MCM)

Year/	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1949/50	27.3	96.5	265.8	142.1	81.1	88.9	24.4	73.4	85.8	106.7	39.2	23.2	1054.4
1950/51	36.9	98.2	62.0	343.7	61.9	33.1	93.8	41.6	131.4	131.5	39.1	22.6	1095.8
1951/52	48.8	145.3	197.5	258.2	121.8	34.0	95.2	138.0	153.9	137.0	79.5	17.4	1426.7
1952/53	155.6	136.8	118.8	107.9	109.4	43.3	80.7	51.3	37.5	65.9	66.8	15.5	989.5
1953/54	53.2	85.9	117.0	182.7	104.7	57.3	134.2	67.5	24.0	43.6	25.0	14.0	909.1
1954/55	44.8	94.6	233.7	310.2	156.0	85.3	140.4	165.7	154.4	136.3	41.6	41.2	1604.3
1955/56	89.6	88.3	103.4	124.8	62.4	22.8	23.3	34.1	112.9	73.3	18.3	9.0	762.3
1956/57	25.4	137.0	164.8	121.2	127.9	41.2	22.5	40.6	127.1	129.0	27.1	13.7	977.6
1957/58	36.4	154.4	617.2	248.7	80.2	135.9	134.6	145.0	109.3	65.3	37.6	10.0	1774.8
1958/59	30.6	107.6	139.3	132.5	70.8	10.6	17.1	74.1	122.4	121.2	107.0	15.9	949.1
1959/60	37.0	132.5	154.1	177.3	269.3	120.7	110.1	115.7	106.0	95.4	50.4	12.4	1380.9
1960/61	78.1	209.5	127.8	129.3	97.9	75.4	74.3	121.8	74.2	97.2	71.2	8.7	1165.5
1961/62	16.6	143.0	141.7	178.3	113.7	30.5	94.0	96.5	105.2	60.9	69.6	14.1	1064.2
1962/63	51.7	148.9	182.3	312.9	149.7	96.4	107.7	81.8	48.3	84.7	44.8	9.0	1318.2
1963/64	18.6	67.9	366.1	258.0	142.6	62.1	34.6	87.0	46.4	119.9	31.4	10.9	1245.4
1964/65	12.4	75.1	171.8	106.5	133.4	21.2	30.3	171.1	108.4	84.7	24.3	7.6	946.7
1965/66	25.9	116.9	240.0	142.5	63.5	52.4	62.9	53.0	26.6	54.0	32.6	13.2	883.6
1966/67	29.4	159.0	116.6	187.6	125.8	24.6	29.0	72.7	63.7	79.8	8.3	8.9	905.5
1967/68	31.0	149.3	263.5	144.7	91.5	31.8	17.7	57.1	22.5	104.5	25.2	8.0	946.8
1968/69	21.2	142.1	225.8	164.0	92.0	20.0	28.3	97.0	87.1	40.5	15.5	13.9	947.4
1969/70	41.1	45.8	142.8	266.4	230.4	37.3	101.6	96.7	56.6	72.5	26.8	9.9	1127.9
1970/71	21.5	54.1	191.7	206.6	75.0	49.3	94.6	120.0	95.1	113.6	34.3	27.7	1083.2
1971/72	80.8	108.6	362.3	74.3	68.8	13.0	13.2	120.9	58.7	81.8	75.3	8.0	1065.7
1972/73	49.2	152.5	219.9	56.4	84.1	18.1	16.4	80.6	31.6	48.7	10.0	9.0	776.6
1973/74	10.5	22.5	92.4	99.1	11.6	27.9	18.2	94.5	50.1	98.3	88.6	34.1	647.9
1974/75	51.9	101.2	85.2	152.4	60.6	28.6	13.0	13.5	70.4	31.9	67.7	44.4	720.9
1975/76	27.2	119.4	157.7	124.7	55.0	28.0	16.6	15.2	9.9	17.9	27.6	34.0	633.2
1976/77	33.3	80.8	84.5	48.7	68.0	27.9	19.9	34.3	30.7	19.3	34.1	31.3	512.9
1977/78	33.3	140.5	188.5	79.9	73.3	26.4	25.8	61.7	42.9	62.5	88.7	8.2	831.6
1978/79	36.7	97.2	75.1	201.2	176.2	36.7	24.6	56.7	13.9	26.0	34.0	34.0	812.4
1979/80	34.0	79.0	35.9	170.1	56.7	27.9	24.0	8.8	11.4	7.9	34.1	34.0	523.9
1980/81	33.3	80.0	125.6	88.3	76.1	32.7	13.5	10.6	6.1	9.0	34.0	52.5	561.9
1981/82	25.1	99.9	53.3	55.8	39.4	27.9	14.2	13.0	76.3	32.1	34.0	34.0	505.1
1982/83	33.3	94.5	235.6	94.9	16.3	27.9	13.8	10.9	11.4	8.1	34.1	34.0	614.8
1983/84	33.2	78.8	90.1	188.2	244.2	171.2	144.5	70.6	79.7	125.7	34.4	19.2	1280.0
1984/85	42.1	149.7	120.2	139.5	79.3	52.4	25.6	36.5	113.0	118.9	76.1	8.1	961.3
1985/86	58.9	91.2	134.7	419.4	123.7	102.7	90.3	93.6	69.1	32.4	38.6	6.4	1261.1
Average	41.0	110.4	173.1	168.6	102.5	49.3	54.7	73.6	69.6	74.0	44.0	19.4	980.2

TOTAL INFLOW
CASE : A-118
POINT: ELAHELA ACT

(Unit:MCM)

Year/	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1949/50	36.9	50.7	79.9	169.9	158.0	53.9	37.4	168.9	185.4	195.6	55.7	33.6	1225.9
1950/51	50.0	117.6	78.2	162.2	141.8	34.1	62.9	139.7	190.3	198.5	80.7	33.4	1289.5
1951/52	52.9	55.4	147.8	293.1	156.8	40.8	119.9	164.0	192.1	195.6	79.9	32.3	1530.4
1952/53	92.7	161.6	121.9	151.8	175.2	34.7	32.4	180.3	188.0	134.3	77.6	34.3	1384.7
1953/54	39.9	125.3	92.1	115.0	169.7	32.9	37.4	181.2	186.8	188.3	56.1	35.4	1260.0
1954/55	40.6	105.6	35.1	202.9	164.2	92.9	157.3	173.3	188.2	183.3	57.2	32.4	1433.1
1955/56	46.4	160.2	150.3	155.3	135.8	38.6	43.8	180.6	183.8	196.1	69.4	38.6	1399.0
1956/57	46.8	113.2	120.5	136.2	129.1	37.8	38.4	93.3	188.2	188.1	83.9	37.6	1212.9
1957/58	37.9	65.8	308.2	283.6	100.8	144.2	155.0	152.4	179.3	178.4	48.7	32.9	1687.3
1958/59	37.5	89.2	136.7	138.7	177.7	38.4	33.3	134.3	199.9	210.7	82.8	35.2	1314.4
1959/60	41.3	66.1	84.8	148.8	207.2	142.6	118.0	134.9	188.7	119.4	89.1	32.7	1373.6
1960/61	42.6	141.5	151.2	124.3	106.1	83.0	82.2	149.8	182.0	179.3	78.7	33.1	1354.0
1961/62	33.7	82.9	45.6	195.0	150.0	38.3	112.3	103.9	182.3	199.0	77.1	33.1	1253.3
1962/63	36.6	122.1	103.3	316.7	183.8	117.3	125.0	133.5	184.5	163.3	80.6	33.5	1600.3
1963/64	34.0	38.6	187.9	292.9	176.7	83.0	42.5	142.3	184.1	161.1	52.2	33.2	1428.6
1964/65	33.6	90.4	104.0	172.0	134.4	34.5	33.2	145.9	186.9	183.8	42.3	34.4	1195.3
1965/66	34.9	77.6	34.0	111.7	145.8	33.0	32.2	174.0	183.7	184.1	60.6	35.6	1107.2
1966/67	37.3	97.6	72.1	158.8	136.5	33.1	33.1	165.2	184.5	183.7	46.4	36.8	1185.2
1967/68	37.3	94.5	35.9	154.3	171.2	32.9	32.8	175.7	184.5	190.2	52.3	37.1	1198.9
1968/69	37.6	77.2	116.2	164.8	164.9	36.1	34.1	180.1	184.5	182.8	44.5	39.7	1262.5
1969/70	40.4	50.6	40.2	137.5	128.1	33.6	34.0	171.2	186.5	183.3	53.1	34.6	1093.2
1970/71	37.0	58.5	105.7	107.8	115.0	36.3	32.5	173.9	184.5	182.5	45.2	33.2	1111.9
1971/72	36.4	156.9	236.7	139.6	158.6	38.9	58.5	131.2	185.7	194.1	86.4	34.2	1457.1
1972/73	38.1	105.0	61.1	176.7	164.9	37.6	38.4	178.8	182.9	126.8	51.7	37.0	1199.1
1973/74	38.6	46.4	38.0	133.7	81.9	37.2	37.2	138.5	187.4	185.6	85.4	33.9	1043.8
1974/75	58.6	89.3	71.3	146.5	34.7	37.2	38.3	68.4	189.7	111.3	64.5	33.3	943.2
1975/76	43.7	87.2	119.1	150.6	58.2	37.3	37.3	125.1	61.1	94.3	24.4	32.6	870.6
1976/77	43.9	50.4	55.2	36.3	19.6	36.2	37.2	81.3	148.6	96.6	30.8	30.3	666.4
1977/78	43.9	67.8	90.1	106.9	112.3	36.4	36.5	144.6	184.4	158.2	62.4	30.5	1074.1
1978/79	43.3	67.6	52.8	135.6	120.7	36.9	35.0	114.4	184.5	185.3	35.5	33.6	1045.1
1979/80	43.8	59.6	42.5	99.7	42.0	37.2	37.2	84.3	113.3	84.1	30.8	33.0	707.5
1980/81	43.9	52.8	81.8	130.3	36.5	37.2	37.1	125.9	58.7	86.3	30.8	33.2	754.5
1981/82	45.3	70.8	90.3	20.7	18.1	24.3	37.2	108.4	150.2	109.5	30.8	33.2	738.8
1982/83	44.1	52.8	91.6	126.9	44.6	24.2	37.2	86.5	90.5	85.1	30.8	32.7	747.1
1983/84	46.2	47.2	41.1	38.7	61.0	101.2	169.4	156.5	184.8	203.5	51.8	33.2	1134.6
1984/85	41.6	92.1	137.2	126.3	141.9	33.3	36.5	139.6	185.8	194.7	70.3	34.3	1233.8
1985/86	41.7	60.8	79.6	261.8	168.0	74.3	98.2	160.9	184.2	184.6	66.8	34.5	1415.5
Average	42.7	85.1	98.4	154.7	124.1	50.8	59.5	142.2	172.7	164.4	58.6	34.1	1187.4

TOTAL INFLOW
CASE : A-118
POINT: ANGAMEDILLA

(Unit:MCM)

Year/	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1949/50	12.4	30.7	253.5	79.1	111.0	46.1	17.6	11.3	17.0	27.4	20.5	10.2	636.9
1950/51	15.1	25.8	90.4	262.9	68.1	45.6	28.7	9.0	17.3	34.2	11.4	26.9	635.3
1951/52	14.9	8.1	202.0	356.1	168.3	51.1	26.2	10.0	18.8	27.8	17.6	12.7	913.7
1952/53	66.8	14.2	9.1	80.0	10.5	21.0	8.4	12.7	15.8	10.9	16.2	9.1	274.8
1953/54	11.0	52.8	95.0	242.4	159.5	97.8	73.0	13.6	16.7	18.5	9.3	9.5	798.9
1954/55	12.7	24.4	182.0	326.1	161.1	97.1	76.8	31.0	19.6	25.2	25.5	41.8	1023.2
1955/56	17.6	16.7	30.3	51.6	6.7	5.9	8.9	13.0	23.3	27.9	12.4	11.1	225.5
1956/57	12.3	122.0	160.5	153.8	157.3	84.5	7.9	6.7	17.1	19.3	10.0	10.1	761.4
1957/58	15.1	15.5	529.4	451.3	97.3	93.6	189.8	40.1	26.0	14.7	5.7	29.9	1508.4
1958/59	8.6	9.8	87.1	120.3	11.0	6.1	8.8	10.6	30.2	41.5	20.1	9.4	363.4
1959/60	8.9	6.6	190.0	213.2	589.6	205.4	177.2	10.4	15.6	10.5	15.5	9.0	1451.8
1960/61	15.5	44.6	32.1	185.2	108.8	34.5	18.4	7.5	15.0	28.8	26.3	9.2	525.9
1961/62	18.1	201.3	493.0	34.9	117.9	7.0	21.3	8.7	18.0	32.0	35.5	28.9	1016.6
1962/63	11.1	41.9	95.5	474.3	236.7	90.1	71.7	11.6	18.8	25.4	15.8	13.7	1106.7
1963/64	22.6	78.0	303.3	427.3	292.5	68.2	10.3	11.3	19.1	22.5	15.5	15.7	1286.3
1964/65	17.6	45.6	247.7	39.9	4.0	31.5	23.4	9.6	16.6	22.4	13.9	12.1	484.1
1965/66	11.7	66.9	168.0	144.8	73.2	77.5	35.4	22.1	19.4	22.5	18.3	10.5	670.1
1966/67	8.6	11.9	66.8	72.4	57.4	17.7	30.3	11.2	21.3	28.2	20.6	12.1	358.6
1967/68	13.0	76.8	180.7	60.8	26.5	50.4	17.7	13.7	21.0	19.6	28.9	12.3	521.2
1968/69	16.3	73.4	91.4	138.1	119.8	55.2	15.3	12.8	17.8	23.1	11.0	15.4	589.3
1969/70	19.0	12.9	269.2	4.8	229.0	54.5	68.8	22.9	15.2	23.2	10.7	9.6	739.7
1970/71	13.5	54.2	61.0	126.4	69.9	18.8	10.8	14.0	19.8	21.4	6.6	15.2	431.5
1971/72	46.1	12.6	130.0	73.9	56.0	5.8	81.1	6.8	17.0	29.8	16.7	9.8	485.7
1972/73	8.7	44.2	268.5	78.9	35.8	5.9	6.9	11.7	17.8	23.3	14.1	8.5	524.2
1973/74	9.5	3.6	61.5	179.7	36.1	39.7	8.2	9.3	17.7	22.4	13.8	9.9	411.2
1974/75	17.5	14.9	4.0	51.0	12.9	20.4	6.7	8.0	22.0	13.7	13.5	27.6	212.1
1975/76	10.0	9.1	136.5	44.7	13.1	41.3	9.5	9.9	12.5	12.3	14.5	9.1	322.5
1976/77	16.4	44.0	128.7	59.1	36.9	38.3	26.6	6.9	15.0	11.1	9.3	11.7	403.9
1977/78	12.9	5.2	79.4	136.2	141.1	20.4	31.6	10.0	20.0	18.1	10.3	8.7	493.8
1978/79	8.8	5.0	126.0	211.3	127.5	98.3	25.4	14.3	20.3	17.6	7.2	17.4	678.9
1979/80	13.5	4.8	108.0	279.1	62.6	36.1	26.1	8.3	12.8	13.3	6.3	11.7	582.5
1980/81	18.2	6.7	157.9	112.5	98.5	40.2	8.5	8.6	9.9	17.9	11.1	13.2	503.1
1981/82	12.4	21.8	70.0	63.4	22.7	18.1	7.9	6.3	14.4	12.6	11.2	9.4	269.9
1982/83	13.6	31.4	270.8	101.9	7.4	9.7	7.8	8.5	11.8	18.5	11.9	9.9	503.1
1983/84	11.4	18.5	84.2	184.8	97.7	118.0	185.2	10.5	17.4	36.0	16.7	13.2	793.5
1984/85	15.7	11.4	105.3	159.6	107.1	54.8	15.6	9.1	17.1	27.0	15.8	10.4	548.9
1985/86	43.0	77.9	51.2	360.1	50.1	36.5	17.5	18.3	22.4	16.8	10.5	10.2	714.5
Average	16.8	36.4	151.9	166.0	102.2	49.8	38.1	12.4	18.0	22.1	14.9	13.9	642.5

TOTAL INFLOW
CASE : A-118
POINT: KALA WEWA

(Unit:MCM)

Year/	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1949/50	32.5	68.6	56.6	67.2	66.2	68.2	67.9	64.8	68.3	67.6	64.0	62.3	753.9
1950/51	63.0	70.4	75.1	101.7	68.7	59.4	56.2	64.6	65.7	73.0	63.6	65.7	827.0
1951/52	67.5	75.3	75.7	82.6	68.4	58.9	33.2	69.8	64.2	69.7	64.0	63.7	792.8
1952/53	64.9	68.6	76.8	71.6	63.9	62.0	87.9	62.4	66.7	68.8	63.8	62.0	819.0
1953/54	84.6	90.1	66.8	80.7	72.7	70.0	59.8	63.9	67.1	68.7	64.2	61.4	849.9
1954/55	76.0	79.9	84.0	62.3	68.4	61.4	35.2	68.8	68.0	70.1	65.6	68.0	807.5
1955/56	68.0	74.8	69.0	66.9	66.8	63.0	63.5	63.2	65.6	65.0	63.2	61.9	790.6
1956/57	54.3	106.4	78.9	68.0	83.8	55.1	70.3	71.4	64.0	74.0	62.7	52.3	840.9
1957/58	77.2	100.6	393.8	65.4	65.5	57.6	38.6	66.5	66.2	72.1	64.3	62.6	1130.2
1958/59	67.7	75.9	75.4	69.6	67.3	63.1	72.8	65.1	65.7	70.5	63.3	62.1	818.1
1959/60	83.2	89.0	70.2	72.6	67.7	40.3	46.8	65.1	70.0	72.7	63.9	61.3	802.5
1960/61	69.9	63.3	70.3	57.7	70.3	39.3	31.8	69.8	67.2	70.0	65.3	62.6	737.2
1961/62	79.5	78.0	72.3	73.1	65.1	71.2	55.2	77.3	66.9	71.1	64.2	64.2	837.9
1962/63	86.2	86.7	73.2	50.3	74.2	29.1	43.3	65.2	66.6	68.7	63.4	61.4	767.8
1963/64	68.9	82.3	80.7	71.6	75.3	60.4	64.6	64.0	66.6	70.1	63.7	62.6	830.6
1964/65	66.0	77.7	72.1	67.4	74.5	67.8	77.5	70.9	69.1	66.6	65.4	61.4	836.2
1965/66	77.1	57.3	92.0	76.7	63.5	73.2	55.0	63.1	66.8	67.1	63.2	60.4	815.3
1966/67	86.9	60.5	47.8	66.8	64.3	67.2	63.1	64.9	70.1	66.1	62.6	32.8	752.8
1967/68	95.2	80.5	68.6	69.3	63.2	71.3	67.9	64.0	65.2	69.8	62.8	62.3	839.9
1968/69	71.6	79.9	75.4	72.9	63.9	65.4	68.7	61.2	65.3	70.2	36.6	60.3	791.2
1969/70	92.4	65.2	96.6	70.5	79.5	50.7	40.5	64.1	68.1	69.2	62.5	65.4	824.5
1970/71	62.8	84.7	76.5	80.0	65.2	51.2	62.7	62.7	65.1	73.3	65.7	65.0	814.5
1971/72	71.4	67.0	106.3	66.2	62.9	63.1	65.7	87.5	68.1	69.9	63.1	61.9	852.7
1972/73	93.1	100.9	66.7	63.6	69.5	59.9	65.8	64.4	67.8	65.9	62.7	54.7	834.8
1973/74	8.4	66.8	147.8	63.6	45.0	13.2	75.0	64.7	66.4	65.5	64.3	57.1	737.6
1974/75	63.5	73.5	76.7	74.3	24.1	52.6	54.8	67.3	62.3	74.2	62.4	63.9	749.3
1975/76	51.6	85.6	80.0	74.2	58.2	53.6	76.1	66.0	14.4	44.6	0.1	3.8	608.1
1976/77	61.7	92.2	64.6	24.9	2.0	24.1	74.6	66.2	66.2	65.6	10.8	0.2	553.0
1977/78	118.8	54.6	83.8	66.0	66.4	49.0	59.2	67.1	63.8	70.4	62.2	54.9	816.1
1978/79	83.1	87.2	53.3	66.3	65.2	62.9	70.8	62.5	65.6	70.0	36.1	66.4	789.2
1979/80	66.7	63.0	64.3	60.0	68.9	33.4	78.5	41.0	21.5	48.8	15.3	4.4	565.7
1980/81	59.7	88.2	70.8	72.0	18.3	40.1	44.5	27.5	49.8	50.7	8.7	48.6	578.7
1981/82	85.7	49.3	72.1	0.9	0.0	26.0	48.7	68.7	66.4	66.6	26.1	0.6	510.9
1982/83	54.4	83.9	125.9	65.2	51.8	24.1	26.4	38.5	13.7	23.2	6.7	4.1	517.5
1983/84	5.8	71.4	151.5	65.8	49.5	38.1	54.4	75.0	67.3	69.3	63.7	71.2	782.8
1984/85	70.2	87.7	69.6	78.7	69.8	68.9	61.9	68.5	68.8	66.7	63.5	61.0	835.1
1985/86	67.5	84.6	84.2	63.9	72.9	44.9	35.7	63.2	65.6	72.1	63.2	62.5	780.0
Average	69.1	77.6	88.3	66.8	60.6	53.0	58.2	64.3	62.1	66.4	53.7	52.9	772.8

TOTAL INFLOW
CASE : A-118
POINT: KALU GANGA

(Unit:MCM)

Year/	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1949/50	21.5	52.9	137.8	39.3	20.4	34.4	16.5	17.5	2.4	2.6	2.8	2.9	351.0
1950/51	18.2	36.2	30.9	316.9	19.6	19.5	24.4	17.1	2.4	2.9	3.7	4.3	496.1
1951/52	18.7	67.0	87.3	106.7	44.3	16.6	36.4	20.1	2.4	2.7	2.4	4.4	409.0
1952/53	17.1	42.3	50.1	41.9	30.5	23.8	29.0	14.2	2.4	4.1	2.4	3.7	261.5
1953/54	83.7	53.2	93.2	41.3	29.9	28.6	27.8	15.2	2.4	2.4	3.5	2.4	383.6
1954/55	22.5	32.2	100.8	87.5	45.9	23.8	27.0	16.0	2.6	2.4	3.4	4.3	368.4
1955/56	16.0	19.4	29.3	22.8	19.9	18.1	20.3	16.0	2.7	2.8	2.7	2.6	172.6
1956/57	19.6	78.0	81.4	58.9	85.5	16.5	24.1	19.8	2.9	3.4	2.4	3.5	396.0
1957/58	26.2	106.5	431.8	47.0	23.3	30.2	28.1	19.8	2.5	2.4	3.5	3.6	724.9
1958/59	18.6	27.9	78.0	36.7	19.4	14.6	20.9	23.1	2.7	3.0	2.9	4.0	251.8
1959/60	33.9	54.2	53.0	63.9	190.0	30.0	15.0	10.0	3.0	4.0	1.0	2.0	460.0
1960/61	4.0	15.0	35.0	76.0	38.0	22.0	14.0	13.0	4.0	2.0	1.0	1.0	225.0
1961/62	3.0	51.0	96.0	103.0	64.0	18.0	26.0	18.0	6.0	3.0	1.0	3.0	392.0
1962/63	8.0	29.0	76.0	144.0	70.0	29.0	25.0	14.0	4.0	2.0	1.0	1.0	403.0
1963/64	3.0	30.0	101.0	138.0	70.0	29.0	14.0	10.0	2.0	2.0	2.0	2.0	403.0
1964/65	1.0	3.0	36.0	36.0	93.0	12.0	19.0	18.0	4.0	2.0	3.0	1.0	228.0
1965/66	7.0	25.0	74.0	70.0	40.0	40.0	19.0	10.0	3.0	1.0	1.0	3.0	293.0
1966/67	12.0	43.0	37.0	81.0	66.0	25.0	12.0	7.0	2.0	1.0	1.0	2.0	289.0
1967/68	8.0	79.0	108.0	109.0	18.0	32.0	19.0	7.0	2.0	4.0	1.0	2.0	389.0
1968/69	5.0	20.0	97.0	76.0	47.0	13.0	17.0	11.0	3.0	2.0	5.0	3.0	299.0
1969/70	10.0	10.0	95.0	92.0	101.0	22.0	21.0	11.0	4.0	3.0	4.0	3.0	376.0
1970/71	9.0	21.0	106.0	88.0	28.0	25.0	21.4	15.6	2.6	2.6	13.0	9.0	341.2
1971/72	7.0	26.0	237.0	63.0	22.0	34.0	133.0	18.0	3.0	6.0	4.0	9.0	562.0
1972/73	50.0	44.0	129.0	22.0	13.0	16.2	17.4	15.2	2.5	3.2	2.6	3.9	319.0
1973/74	21.6	32.6	121.8	14.4	23.0	16.1	24.9	17.5	2.4	2.8	3.1	4.1	284.3
1974/75	15.7	19.8	63.6	28.6	28.2	28.1	22.5	19.2	2.6	3.7	3.0	3.8	238.8
1975/76	15.0	48.9	44.7	81.2	17.5	16.5	20.1	14.2	2.4	2.5	2.9	3.1	269.0
1976/77	20.9	50.1	45.7	17.3	21.2	22.7	19.7	16.5	2.5	3.0	3.0	3.4	226.0
1977/78	55.6	109.0	88.5	30.7	19.4	26.5	15.6	16.5	2.4	3.1	2.6	2.9	372.8
1978/79	42.1	86.1	70.9	37.0	27.3	18.9	19.0	16.5	2.6	2.7	3.2	4.1	330.4
1979/80	24.4	62.6	50.0	16.9	14.2	18.9	25.5	15.1	2.4	2.4	2.7	3.5	238.6
1980/81	26.1	78.0	30.5	46.3	40.0	19.0	21.5	15.2	2.4	3.1	3.0	3.5	288.6
1981/82	22.3	36.7	48.9	15.5	14.6	19.5	29.4	19.9	2.9	3.6	3.3	3.7	220.3
1982/83	26.8	39.6	68.8	16.5	15.6	15.6	15.9	16.4	3.2	3.2	3.2	3.2	228.0
1983/84	21.6	21.7	122.5	91.7	146.7	56.9	32.6	24.3	3.2	3.5	3.7	4.5	532.9
1984/85	18.5	50.6	25.0	48.7	29.2	23.1	21.8	17.0	3.5	3.0	4.4	4.5	249.3
1985/86	22.3	25.2	68.3	75.4	26.2	31.9	26.6	18.2	3.5	3.2	3.2	3.2	307.2
Average	20.4	44.0	87.8	67.1	43.8	24.0	24.9	15.8	2.9	2.9	3.0	3.5	340.0

TOTAL INFLOW
CASE : A-118
POINT: HURULU WEWA

(Unit:MCM)

Year/	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1949/50	35.8	45.3	48.9	78.8	70.7	79.3	21.1	61.4	64.6	62.2	63.0	27.1	658.2
1950/51	38.6	69.6	63.7	89.9	79.1	59.2	69.0	54.6	71.8	55.6	72.3	48.9	772.3
1951/52	39.6	67.4	81.1	85.7	78.3	44.4	82.5	77.0	77.8	77.8	71.2	22.4	805.2
1952/53	77.8	80.3	66.4	80.7	77.8	72.2	73.9	69.8	64.8	78.2	77.0	59.0	877.9
1953/54	82.5	83.5	85.1	72.3	78.1	68.1	67.0	48.7	58.0	58.2	60.1	38.6	800.2
1954/55	72.2	77.8	94.4	84.2	78.4	79.8	81.2	79.6	77.8	65.8	52.9	35.3	879.4
1955/56	41.6	81.2	79.6	77.8	77.8	55.8	39.0	73.8	67.6	77.8	72.8	70.4	815.2
1956/57	75.9	87.2	81.5	77.8	81.3	72.8	45.2	55.8	67.2	77.8	77.8	58.8	859.1
1957/58	46.0	80.8	155.3	81.4	45.3	51.2	20.5	61.8	71.8	70.0	23.6	10.2	717.9
1958/59	35.8	82.6	79.8	80.4	77.8	31.6	43.8	77.8	64.8	69.8	68.8	41.2	754.2
1959/60	75.8	61.1	72.8	81.9	83.1	78.3	82.9	78.4	77.8	78.9	77.8	75.6	924.4
1960/61	74.2	100.7	78.8	82.8	80.2	79.0	79.2	60.7	69.8	59.8	30.8	14.4	810.4
1961/62	65.6	71.2	62.2	81.6	78.3	30.0	79.8	49.5	77.8	77.8	63.4	41.3	778.5
1962/63	34.2	83.3	82.8	85.2	79.8	81.9	81.8	59.4	77.4	56.2	22.8	28.0	772.8
1963/64	55.0	72.5	103.8	79.1	78.8	78.8	24.2	63.3	77.8	52.8	45.8	16.4	748.3
1964/65	33.9	79.8	80.5	77.8	80.1	57.6	52.8	81.6	68.4	77.8	40.8	34.0	765.1
1965/66	67.2	91.1	80.4	80.0	78.0	34.4	35.4	74.8	77.8	55.4	43.8	23.3	741.6
1966/67	60.2	89.5	62.9	44.8	79.9	55.6	29.4	56.4	58.0	60.0	23.4	18.1	638.2
1967/68	78.3	73.9	54.1	78.9	77.1	50.5	57.2	54.0	66.9	59.6	58.6	70.6	779.7
1968/69	70.9	84.5	75.5	78.8	78.4	56.8	73.7	52.1	68.2	74.4	35.7	77.9	826.9
1969/70	90.2	49.8	44.0	79.4	81.4	35.9	61.3	58.5	60.2	58.6	63.2	51.0	733.5
1970/71	68.4	68.9	81.2	82.3	78.5	43.8	71.8	61.3	61.7	63.6	57.0	45.0	783.5
1971/72	38.4	77.8	98.6	78.2	77.9	32.3	61.2	73.0	63.8	73.2	77.8	67.0	819.2
1972/73	83.6	86.4	49.3	77.9	78.2	75.9	57.6	61.0	67.6	62.9	58.8	43.8	803.0
1973/74	36.8	64.4	45.7	43.2	41.2	40.6	55.6	69.6	63.2	77.0	77.8	78.8	693.9
1974/75	42.4	77.8	71.9	79.1	30.8	69.8	41.0	45.0	63.4	65.4	69.6	78.5	734.7
1975/76	74.6	66.7	73.0	65.2	46.2	77.8	41.6	47.6	17.8	36.6	14.4	28.0	589.5
1976/77	41.8	56.5	41.0	33.9	20.5	30.9	24.4	42.6	41.8	44.0	18.6	36.6	432.6
1977/78	66.9	49.3	60.6	43.5	41.3	34.6	39.5	47.1	54.2	68.5	67.4	73.4	646.3
1978/79	83.1	76.7	50.0	44.0	51.4	39.7	44.3	44.0	53.8	52.4	41.0	78.4	658.8
1979/80	64.2	68.4	53.1	40.8	28.4	37.7	51.5	35.4	28.6	27.8	28.6	30.0	494.5
1980/81	43.6	73.5	75.8	79.1	40.1	32.1	17.4	53.2	20.2	62.6	28.6	52.6	578.8
1981/82	81.6	37.0	49.9	14.8	7.2	25.0	19.1	74.5	55.8	45.4	24.8	27.4	462.5
1982/83	34.6	55.0	64.2	42.3	24.0	26.6	20.2	52.2	28.2	36.0	22.0	27.4	432.7
1983/84	32.2	66.6	69.9	76.3	44.6	36.1	21.1	56.7	67.0	62.1	41.0	23.8	597.4
1984/85	41.9	71.7	68.4	83.3	79.8	31.2	61.5	43.4	57.2	67.6	73.5	67.8	747.3
1985/86	71.2	58.5	75.5	93.1	81.7	84.5	78.8	52.2	57.0	62.4	65.8	47.6	828.3
Average	58.3	72.1	71.9	71.3	64.6	53.3	51.6	59.7	61.3	62.5	51.7	45.1	723.3

TOTAL INFLOW
CASE : A-118
POINT: HOROUPOTANNA

(Unit:MCM)

Year/	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1949/50	34.1	40.1	80.8	48.6	44.1	67.7	11.4	24.7	19.9	17.9	49.3	7.0	445.6
1950/51	36.7	57.6	52.1	112.1	72.9	47.4	44.5	16.8	20.1	16.6	58.1	32.8	567.6
1951/52	30.8	80.5	68.4	142.9	57.3	38.2	62.6	21.8	19.5	33.9	53.2	9.9	618.8
1952/53	67.6	56.5	30.3	54.9	37.8	49.6	62.9	22.6	19.5	44.4	57.3	39.7	542.9
1953/54	74.3	66.8	74.8	88.0	44.6	66.8	50.8	18.6	17.6	14.6	48.1	26.0	590.6
1954/55	61.6	59.7	149.2	101.1	51.7	64.9	68.6	36.5	21.4	23.0	53.2	23.9	714.6
1955/56	30.0	61.6	51.9	33.6	46.2	35.0	16.3	35.1	19.0	55.0	52.4	57.6	493.5
1956/57	69.8	75.6	50.2	51.6	60.3	51.4	26.5	28.4	20.8	52.8	59.5	46.9	593.4
1957/58	38.7	84.0	496.5	81.3	45.5	43.5	27.2	32.9	19.4	17.2	12.1	5.6	903.6
1958/59	25.6	56.7	67.6	72.5	45.6	21.2	14.9	48.2	16.8	24.0	49.8	22.5	465.4
1959/60	65.9	39.1	76.7	73.5	80.1	60.1	64.9	40.3	20.6	49.4	61.0	47.4	678.7
1960/61	64.5	87.0	73.5	135.3	82.4	60.4	68.9	22.7	17.2	16.9	13.7	4.9	647.1
1961/62	55.5	44.8	100.8	107.8	66.0	19.1	54.5	12.9	22.4	34.7	47.2	28.6	594.1
1962/63	23.9	60.5	80.1	140.2	83.0	65.8	67.9	20.4	20.3	19.3	7.6	16.3	605.1
1963/64	42.4	96.8	197.0	83.5	37.2	68.8	9.4	18.5	22.4	18.2	27.4	15.3	636.9
1964/65	26.6	60.4	67.7	40.5	59.2	35.5	29.3	52.1	19.4	26.4	33.2	21.7	471.8
1965/66	56.6	57.1	182.7	91.0	55.6	19.8	29.8	33.8	19.5	17.0	38.0	5.1	605.8
1966/67	114.2	147.2	66.0	32.1	58.6	43.0	21.7	21.8	19.4	15.0	6.3	7.7	552.9
1967/68	75.9	72.1	115.4	61.1	36.0	30.7	43.3	21.2	22.2	14.9	41.2	52.2	585.9
1968/69	71.7	83.6	55.3	47.2	50.0	36.6	51.7	21.0	17.1	33.6	23.1	66.7	557.2
1969/70	78.1	59.7	86.2	110.7	85.7	28.4	56.7	31.5	28.5	21.1	52.8	32.5	671.7
1970/71	58.2	55.1	77.9	108.9	56.4	35.8	53.5	31.2	21.3	17.2	40.3	26.2	581.8
1971/72	28.3	57.3	174.7	60.9	40.6	24.2	34.8	31.3	19.2	30.1	59.3	48.1	608.7
1972/73	75.8	93.0	54.8	53.9	43.5	54.3	42.9	17.7	19.4	26.1	46.2	33.3	560.6
1973/74	27.4	46.3	160.8	39.6	10.2	21.8	31.8	30.8	18.1	42.5	58.6	68.1	555.8
1974/75	33.4	60.4	58.9	53.6	20.0	49.6	27.3	12.9	23.1	34.9	52.6	66.8	493.3
1975/76	66.8	45.6	41.9	32.9	29.7	60.6	28.2	13.6	10.3	23.1	11.3	15.6	379.4
1976/77	35.7	37.3	40.9	30.8	24.6	24.0	5.5	20.4	17.7	30.1	14.4	32.2	313.4
1977/78	117.9	60.8	141.1	42.8	22.4	25.6	17.5	17.1	16.1	26.5	46.9	61.4	595.9
1978/79	78.4	156.6	77.5	43.2	27.3	32.9	14.5	18.4	13.5	18.8	29.5	70.4	580.9
1979/80	87.0	118.8	90.7	32.6	18.0	21.6	30.3	21.0	7.3	13.4	22.6	19.4	482.5
1980/81	34.0	59.7	66.1	56.9	35.0	23.7	5.7	28.5	11.9	45.3	24.1	44.4	435.3
1981/82	74.8	24.1	38.4	16.5	6.0	16.4	8.4	25.7	23.5	30.8	20.2	15.2	299.9
1982/83	27.6	72.9	87.6	27.4	20.0	19.4	6.3	24.1	13.2	24.1	18.2	15.8	356.6
1983/84	30.3	41.5	119.9	199.3	212.5	165.6	24.8	26.7	26.6	27.5	25.8	6.8	907.2
1984/85	33.1	65.2	49.7	74.7	66.9	31.7	40.2	16.1	19.3	18.8	56.7	49.6	521.9
1985/86	64.8	41.0	61.6	110.9	55.4	98.3	53.0	15.0	20.2	17.8	46.1	28.1	612.0
Average	54.5	67.1	96.4	72.8	51.0	44.8	35.4	25.2	19.0	26.8	38.3	31.7	562.9

TOTAL INFLOW
CASE : A-118
POINT: YAN OYA

(Unit:MCM)

Year/	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1949/50	17.4	23.5	35.9	31.6	27.2	26.8	3.8	14.0	19.3	18.9	19.8	3.3	241.3
1950/51	17.0	25.3	25.2	51.9	40.2	14.4	18.2	20.4	19.0	18.3	25.2	3.0	278.0
1951/52	13.7	39.0	30.8	64.3	46.1	24.2	21.1	22.6	19.0	16.2	21.5	1.9	320.3
1952/53	24.1	27.0	11.2	32.5	21.1	9.9	30.3	15.8	19.0	28.2	28.6	2.8	250.4
1953/54	27.2	38.2	37.8	35.9	30.5	34.5	7.3	30.5	19.0	18.6	17.7	3.1	300.0
1954/55	20.7	30.1	79.1	44.3	40.0	29.7	16.9	35.6	19.8	18.5	24.1	1.2	359.9
1955/56	13.0	32.0	26.4	21.2	24.4	9.8	3.1	18.7	16.6	28.3	25.1	7.7	225.9
1956/57	28.9	39.8	23.3	29.4	35.3	9.7	22.0	16.9	19.0	24.9	29.3	2.7	281.0
1957/58	9.3	50.5	437.6	55.5	24.0	24.2	24.7	16.0	19.0	18.6	12.7	2.2	694.3
1958/59	11.2	18.7	30.3	37.4	23.3	9.9	0.8	24.8	9.8	18.6	19.6	2.5	206.7
1959/60	15.2	21.3	35.6	40.6	37.3	28.9	20.9	32.2	19.6	28.4	28.2	3.1	311.3
1960/61	26.0	60.8	39.4	67.8	49.8	26.1	16.7	13.4	19.0	18.5	9.6	1.9	348.7
1961/62	16.9	20.5	51.8	66.3	31.5	9.2	17.2	14.6	20.2	18.5	19.3	8.9	295.0
1962/63	13.0	31.3	38.2	80.4	38.1	27.6	23.1	13.6	19.4	18.6	10.3	1.5	314.8
1963/64	14.1	47.3	115.8	60.3	17.3	28.1	1.7	12.6	20.2	14.2	10.3	6.7	348.4
1964/65	13.3	28.2	34.6	22.9	27.2	9.6	3.0	31.7	18.6	18.6	17.4	3.1	228.1
1965/66	19.4	34.4	80.8	57.7	32.4	10.1	21.5	18.0	18.8	18.6	13.5	2.9	328.0
1966/67	40.1	69.5	38.4	30.7	45.5	12.4	11.7	14.3	17.6	16.1	7.2	3.3	306.6
1967/68	21.5	31.9	56.0	46.7	12.6	8.8	35.6	10.5	20.2	18.6	9.8	7.6	280.1
1968/69	42.7	41.9	32.9	28.1	19.3	13.9	16.7	16.1	19.0	18.6	7.6	16.9	273.5
1969/70	48.4	29.7	46.7	67.0	43.9	13.0	37.7	18.8	22.3	20.2	24.1	3.1	374.7
1970/71	21.6	29.8	36.1	54.6	29.9	15.3	34.5	14.9	19.7	16.4	20.8	1.4	295.0
1971/72	12.7	25.4	83.4	37.5	28.3	11.1	2.8	30.7	19.0	18.6	25.3	1.8	296.4
1972/73	33.0	50.9	20.5	38.5	34.7	11.5	27.8	10.4	19.0	12.9	17.6	9.2	285.8
1973/74	12.3	22.9	76.5	31.8	11.9	10.3	8.6	24.8	19.0	22.9	29.2	22.2	292.2
1974/75	15.7	32.1	28.1	30.8	9.8	9.1	23.8	8.7	18.8	16.5	24.0	17.2	234.7
1975/76	24.2	22.9	26.4	22.4	14.1	9.9	23.6	12.0	18.5	8.9	5.8	3.4	192.2
1976/77	15.6	19.4	14.9	25.2	11.5	11.3	2.0	14.2	16.8	14.7	7.5	5.1	158.2
1977/78	69.2	26.2	88.5	30.2	15.8	10.9	2.8	11.2	19.8	15.8	21.5	10.7	322.5
1978/79	42.7	79.1	40.5	25.4	26.7	14.6	10.3	11.3	19.0	17.8	8.3	21.4	317.0
1979/80	41.1	54.8	48.6	27.3	15.0	11.2	19.0	15.9	19.0	13.2	11.9	3.0	280.1
1980/81	13.4	31.3	35.9	29.3	16.8	11.4	1.1	18.2	15.5	21.9	12.7	1.3	208.9
1981/82	31.5	11.6	25.3	15.0	2.8	7.9	2.8	15.1	19.9	14.8	10.6	2.0	159.3
1982/83	13.5	32.6	37.2	33.3	18.1	9.1	0.9	18.0	13.0	11.8	9.5	3.4	200.5
1983/84	13.6	20.7	56.6	99.1	214.7	202.9	21.5	15.4	21.7	23.3	12.5	3.8	705.7
1984/85	15.8	32.9	18.9	40.3	33.9	14.6	6.7	12.0	19.0	16.5	21.8	11.1	243.5
1985/86	30.1	21.7	29.9	56.2	39.7	36.2	21.1	21.5	19.3	17.4	20.2	3.3	316.5
Average	23.2	33.9	53.4	42.4	32.2	21.0	15.2	18.0	18.7	18.4	17.3	5.7	299.3