

Demand GWhAnnexure- 01

2023/24	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
1	69.91	75.29	78.02	74.83	80.18	74.37	81.11	79.55	81.98	81.58	77.99	81.4
2	70.41	72.79	75.37	70.21	75.99	70.89	77.22	74.19	76.15	76.65	76.14	78.49
3	64.49	66.7	70.81	68	74.02	69	74.63	72.06	73.54	74.71	71.04	72.02
4	61.98	62.86	64.4	62.7	69.55	65.15	70.18	67.78	69.98	71.32	66.88	68.86
5	60.49	61.7	62.86	60.77	67.93	62.61	67.6	65.67	67.67	69.26	65.45	67.65
6	59.69	61.04	62.31	60.27	67.18	61.9	66.56	65.04	67.1	68.43	64.8	66.85
7	59.12	60.47	61.46	59.53	66.18	61.11	65.7	64.36	66.49	67.65	64.1	66.22
8	58.44	59.83	60.87	58.85	65.59	60.45	65.02	63.72	65.82	67	63.32	65.48
9	57.95	59.32	60.31	58.47	65.05	59.91	64.56	63.18	65.27	66.46	62.81	64.95
10	57.47	58.83	59.83	57.96	64.49	59.1	63.93	62.67	64.79	65.92	62.38	64.49
11	56.87	58.38	59.18	57.2	63.61	58.2	63.11	62.03	64.29	65.14	61.74	63.84
12	56.06	57.69	58.48	56.29	62.41	56.96	61.98	60.76	62.92	63.71	60.91	63
13	53.85	55.95	57.21	55.37	61.42	55.93	60.76	59.83	61.94	62.6	59.4	60.49
14	52.52	53.76	55.83	53.99	59.91	54.66	59.61	58.71	60.95	61.32	58.21	58.93
15	50.84	51.77	54.44	52.61	58.01	52.43	57.32	56.05	58.12	57.44	55.62	56.81
16	49.65	50.57	53.6	51.67	56.14	50.55	54.19	53.07	56.01	55.98	53.4	54.69
17	47.36	47.08	50.36	48.71	53.84	49.48	53.09	52.14	54.79	53.71	51.97	52.72
18	42.92	44.36	47.42	46.29	51.35	47.24	51.08	50.42	53.23	51.85	49.23	49.01
19	77.43	78.27	84.53	82.76	92.58	85.79	92.57	91.16	95.87	92.59	88.95	88.75
20	134.98	138.97	147.93	144.43	164.4	152.82	162.53	160.54	169.93	167.09	155.95	155.43
<b>Total</b>	<b>1242.4</b>	<b>1275.6</b>	<b>1325.2</b>	<b>1280.9</b>	<b>1419.8</b>	<b>1308.6</b>	<b>1412.8</b>	<b>1382.9</b>	<b>1436.8</b>	<b>1440.4</b>	<b>1370.3</b>	<b>1400.1</b>

	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Total
<b>Total Net Generation</b>	1242	1276	1325	1281	1420	1309	1413	1383	1437	1440	1370	1400	16296
Total Net Generation/day	41.4	41.1	42.7	44.2	45.8	43.6	45.6	46.1	46.3	46.5	45.7	45.2	45.2
Generation Red. due to SPP	241.2	259.0	179.4	171.3	215.0	174.0	274.2	343.1	300.1	349.9	360.0	313.1	3180.3
No. of days	30.0	31.0	31.0	29.0	31.0	30.0	31.0	30.0	31.0	31.0	30.0	31.0	31.0
Generation (Centrally dispatch)	1001.3	1016.6	1145.8	1109.6	1204.9	1134.5	1138.6	1039.8	1136.7	1090.5	1010.3	1087.0	13115.6
Reqd. Generation/day(Centrally)	33.4	32.8	37.0	38.3	38.9	37.8	36.7	34.7	36.7	35.2	33.7	35.1	35.1
<b>IPP/CEB emergency</b>													
Sobadanavi	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0
WCPP	10.1	53.9	32.7	103.2	150.4	110.6	0.0	131.2	153.5	108.3	57.4	109.4	109.4
ACE_MATARA	0.0	1.3	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACE_Embilipitiya	0.0	2.4	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150_FO	0.0	0.0	0.0	3.3	38.2	37.7	59.1	51.6	58.8	16.9	2.0	33.3	33.3
<b>TOTAL IPP</b>	<b>10.1</b>	<b>57.6</b>	<b>32.7</b>	<b>112.1</b>	<b>188.5</b>	<b>148.2</b>	<b>59.1</b>	<b>183.9</b>	<b>215.9</b>	<b>125.1</b>	<b>59.4</b>	<b>142.7</b>	<b>1335.3</b>
<b>CEB Thermal Generation</b>													
LAKVIJAYA1	166.1	174.8	174.8	157.9	174.8	169.1	174.8	169.1	174.8	174.8	113.3	113.3	0.0
LAKVIJAYA2	166.0	174.8	174.8	157.9	174.8	169.1	174.8	169.1	174.8	174.8	169.1	174.8	174.8
LAKVIJAYA3	119.5	174.8	174.8	157.9	174.8	169.1	174.8	169.1	174.8	174.8	169.1	174.8	5542.9
SAPU B	14.4	32.9	38.2	34.5	38.2	36.9	38.2	36.9	38.2	38.2	36.9	38.2	38.2
SAPU A	10.4	18.1	17.3	21.6	28.5	29.4	21.4	28.9	30.4	24.5	19.8	21.1	21.1
BARGE	13.1	23.5	36.2	32.7	35.9	35.0	30.1	33.0	34.1	36.1	33.0	34.1	34.1
Uthuru Jannanee	3.5	6.2	11.8	10.7	11.2	10.1	9.3	9.0	9.3	9.6	9.0	10.4	10.4
KCCP_Naptha	21.7	0.0	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
KCCP_Diesel	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
GT7	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SMALL_GT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KCCPS 2	0.0	0.9	0.0	5.9	2.2	0.0	29.1	28.2	16.5	0.0	1.4	2.8	2.8
Hambanthota-CEB	0.0	0.0	0.0	0.1	0.0	0.1	0.4	0.0	0.2	0.0	0.0	0.0	0.0
Matugama-CEB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
<b>Total CEB Thermal Generation</b>	514.6	605.9	695.3	647.0	707.8	686.4	720.8	542.0	546.0	700.1	619.4	523.7	7509.0
<b>Prospective Gen. / Energy shortfall</b>													
<b>Total Thermal Generation</b>	<b>524.8</b>	<b>663.5</b>	<b>728.0</b>	<b>759.1</b>	<b>896.4</b>	<b>834.6</b>	<b>780.0</b>	<b>725.8</b>	<b>761.8</b>	<b>825.3</b>	<b>678.8</b>	<b>666.4</b>	<b>8844.4</b>
<b>Hydro Gen Reqd.</b>	<b>476.5</b>	<b>352.8</b>	<b>417.8</b>	<b>350.6</b>	<b>308.5</b>	<b>299.9</b>	<b>358.5</b>	<b>314.0</b>	<b>374.9</b>	<b>265.3</b>	<b>331.5</b>	<b>419.9</b>	<b>4270.2</b>
Deficit	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Power cut saving	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Actual hydro reqd.</b>	<b>477</b>	<b>353</b>	<b>418</b>	<b>351</b>	<b>308</b>	<b>300</b>	<b>359</b>	<b>314</b>	<b>375</b>	<b>265</b>	<b>332</b>	<b>420</b>	<b>4270.2</b>
Inflow	574	459	230	142	129	190	327	420	340	339	412	428	3992.2
Drawdown from reservoirs	98	106	-188	-209	-179	-110	-31	106	-35	74	81	8	8
<b>STARTING STORAGE</b>	<b>851.0</b>	<b>948.6</b>	<b>1054.7</b>	<b>867.1</b>	<b>658.5</b>	<b>479.3</b>	<b>369.8</b>	<b>338.3</b>	<b>444.6</b>	<b>409.8</b>	<b>483.6</b>	<b>564.6</b>	<b>564.6</b>
Month End Storage	948.6	1054.7	867.1	658.5	479.3	369.8	338.3	444.6	409.8	483.6	564.6	573.0	573.0
% Storage	0.79	0.9	0.7	0.5	0.4	0.3	0.3	0.4	0.3	0.4	0.5	0.5	0.5



## Annexure - 04

## HYDRO

\*\*\* Planta: 1 KOT HMALE

A~NO	.....1	.....2	.....3	.....4	.....5	.....6	.....7	.....8	.....9	.....10	.....11	.....12
2023	0	0	0	11	33	8.3	25	0	33	0	0	0
2024	0	0	0	17.5	25	17.5	17.5	0	0	25	0	0

\*\*\*\* Planta: 2 UK UWELA

A~NO	.....1	.....2	.....3	.....4	.....5	.....6	.....7	.....8	.....9	.....10	.....11	.....12
2023	50	50	50	17	0	0	0	0	37.5	0	0	0
2024	0	0	0	0	0	0	0	50	50	0	0	0

\*\*\*\* Planta: 3 VI CTORIA

A~NO	.....1	.....2	.....3	.....4	.....5	.....6	.....7	.....8	.....9	.....10	.....11	.....12
2023	0	0	0	0	0	33	33	33	0	0	0	0
2024	0	0	0	0	17.5	33	33	0	0	0	0	0

\*\*\*\* Planta: 4 RA NDENIGAL

A~NO	.....1	.....2	.....3	.....4	.....5	.....6	.....7	.....8	.....9	.....10	.....11	.....12
2023	0	0	0	0	0	0	0	0	50	33	0	0
2024	0	0	50	50	0	50	100	100	100	0	0	0

\*\*\*\* Planta: 5 RA NTAMBE

A~NO	.....1	.....2	.....3	.....4	.....5	.....6	.....7	.....8	.....9	.....10	.....11	.....12
2023	0	0	0	0	0	0	0	50	37.5	0	0	0
2024	0	0	0	0	0	0	0	50	50	0	0	0

\*\*\*\* Planta: 6 R\_ BOWA

A~NO	.....1	.....2	.....3	.....4	.....5	.....6	.....7	.....8	.....9	.....10	.....11	.....12
2023	0	0	0	0	0	0	0	66	0	0	0	0
2024	0	0	50	50	0	0	25	50	0	0	0	0

\*\*\*\* Planta: 11 CA NYON

A~NO	.....1	.....2	.....3	.....4	.....5	.....6	.....7	.....8	.....9	.....10	.....11	.....12
2023	0	0	0	0	0	0	0	0	0	0	0	50
2024	0	0	0	0	0	0	0	0	0	0	0	50

\*\*\*\* Planta: 12 NE W\_LAXAPA

A~NO	.....1	.....2	.....3	.....4	.....5	.....6	.....7	.....8	.....9	.....10	.....11	.....12
2023	0	0	0	0	0	0	0	0	0	0	0	50
2024	0	0	0	0	0	0	0	0	0	0	0	50

\*\*\*\* Planta: 13 PO LPITIYA

A~NO	.....1	.....2	.....3	.....4	.....5	.....6	.....7	.....8	.....9	.....10	.....11	.....12
2023	25	0	0	0	0	0	0	0	0	0	0	37.5
2024	0	0	0	0	0	0	0	0	0	0	0	37.5

\*\*\*\* Planta: 14 WI MALASURE

A~NO	.....1	.....2	.....3	.....4	.....5	.....6	.....7	.....8	.....9	.....10	.....11	.....12
2023	0	50	0	0	0	0	0	0	0	0	0	0
2024	0	50	0	0	0	0	0	0	0	0	0	0

\*\*\*\* Planta: 15 OL D\_LAXAPA

A~NO	.....1	.....2	.....3	.....4	.....5	.....6	.....7	.....8	.....9	.....10	.....11	.....12
2023	0	0	0	0	0	0	0	0	25	0	0	0
2024	25	25	0	12.5	7	0	0	0	0	0	20	0

\*\*\*\* Planta: 23 SA MANALAWA

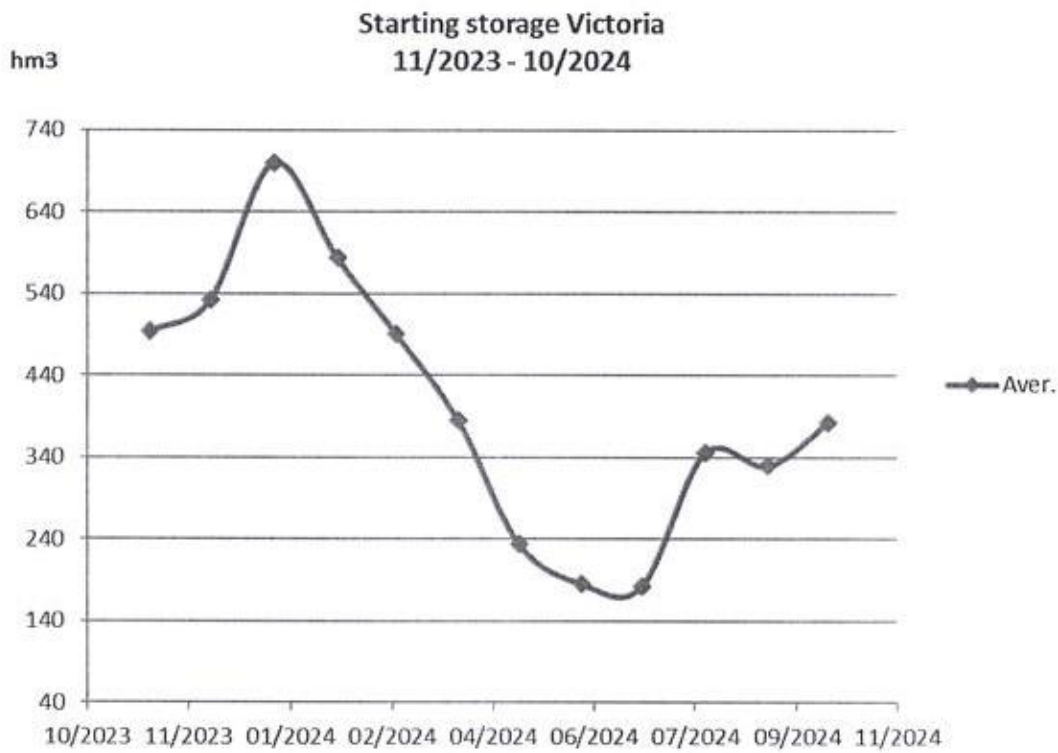
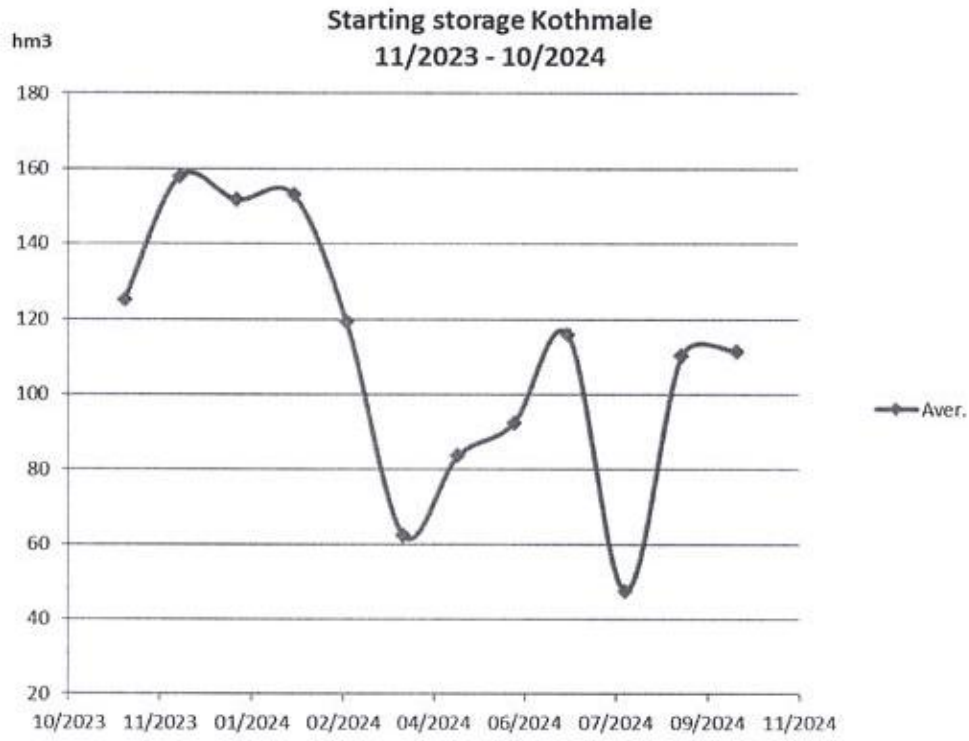


A~NO	.....1	.....2	.....3	.....4	.....5	.....6	.....7	.....8	.....9	.....10	.....11	.....12
2023	0	0	0	0	0	0	0	0	25	25	0	0
2024	0	0	0	0	0	0	50	0	0	0	0	0
**** Planta: 27 KU KULE												
A~NO	.....1	.....2	.....3	.....4	.....5	.....6	.....7	.....8	.....9	.....10	.....11	.....12
2023	100	100	100	33	0	0	0	0	0	0	0	0
2024	0	50	25	0	0	0	0	0	0	0	0	0
**** Planta: 28 UP PER_KOTH												
A~NO	.....1	.....2	.....3	.....4	.....5	.....6	.....7	.....8	.....9	.....10	.....11	.....12
2023	12.5	37.5	0	0	0	0	0	50	0	0	0	0
2024	0	50	25	0	0	0	0	0	0	0	0	0
**** Planta: 29 BR OADLAND												
A~NO	.....1	.....2	.....3	.....4	.....5	.....6	.....7	.....8	.....9	.....10	.....11	.....12
2023	0	0	0	0	0	0	0	0	0	0	0	0
2024	25	25	0	0	0	0	0	0	0	0	0	0
**** Planta: 31 UM A_OYA												
A~NO	.....1	.....2	.....3	.....4	.....5	.....6	.....7	.....8	.....9	.....10	.....11	.....12
2023	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0

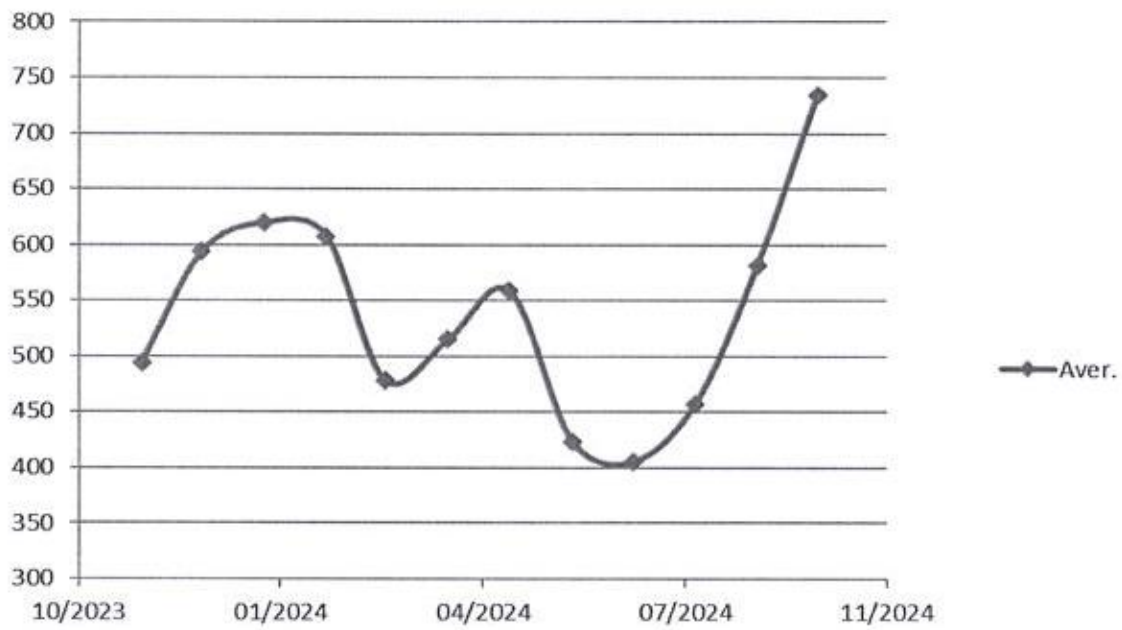
#### THERMAL

**** Planta: 1 LA KVIJAYA												
A~NO	.....1	.....2	.....3	.....4	.....5	.....6	.....7	.....8	.....9	.....10	.....11	.....12
2023	0	0	0	0	0	0	100	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	33	100	100	100
**** Planta: 2 SA PU A												
A~NO	.....1	.....2	.....3	.....4	.....5	.....6	.....7	.....8	.....9	.....10	.....11	.....12
2023	25	25	25	25	25	25	25	25	25	25	25	25
2024	25	25	25	25	25	25	25	25	25	25	25	25
**** Planta: 3 SA PU B												
A~NO	.....1	.....2	.....3	.....4	.....5	.....6	.....7	.....8	.....9	.....10	.....11	.....12
2023	25	25	25	25	25	25	25	25	25	25	25	25
2025	25	25	25	25	25	25	25	25	25	25	25	25
**** Planta: 5 BA RGE												
A~NO	.....1	.....2	.....3	.....4	.....5	.....6	.....7	.....8	.....9	.....10	.....11	.....12
2023	10	10	10	10	15	15	15	10	15	15	15	33
2024	10	10	10	10	25	15	15	10	15	15	15	15
**** Planta: 7 AS IA_POWER												
A~NO	.....1	.....2	.....3	.....4	.....5	.....6	.....7	.....8	.....9	.....10	.....11	.....12
2022	100	100	100	100	100	100	100	100	100	100	100	100
2023	100	100	100	100	100	100	100	100	100	100	100	100
**** Planta: 8 GT 7												
A~NO	.....1	.....2	.....3	.....4	.....5	.....6	.....7	.....8	.....9	.....10	.....11	.....12
2023	2	2	2	2	2	2	2	2	2	2	2	2
2024	2	2	2	2	2	2	2	25	100	100	100	100
**** Planta: 9 SM ALL_GT												
A~NO	.....1	.....2	.....3	.....4	.....5	.....6	.....7	.....8	.....9	.....10	.....11	.....12

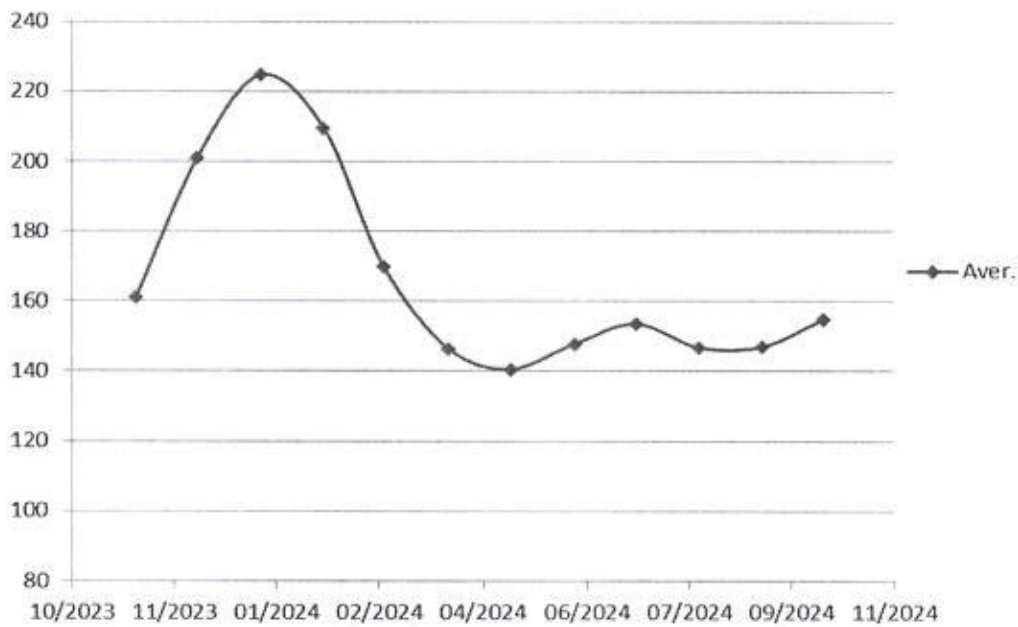




Starting storage Randenigala  
11/2023 - 10/2024

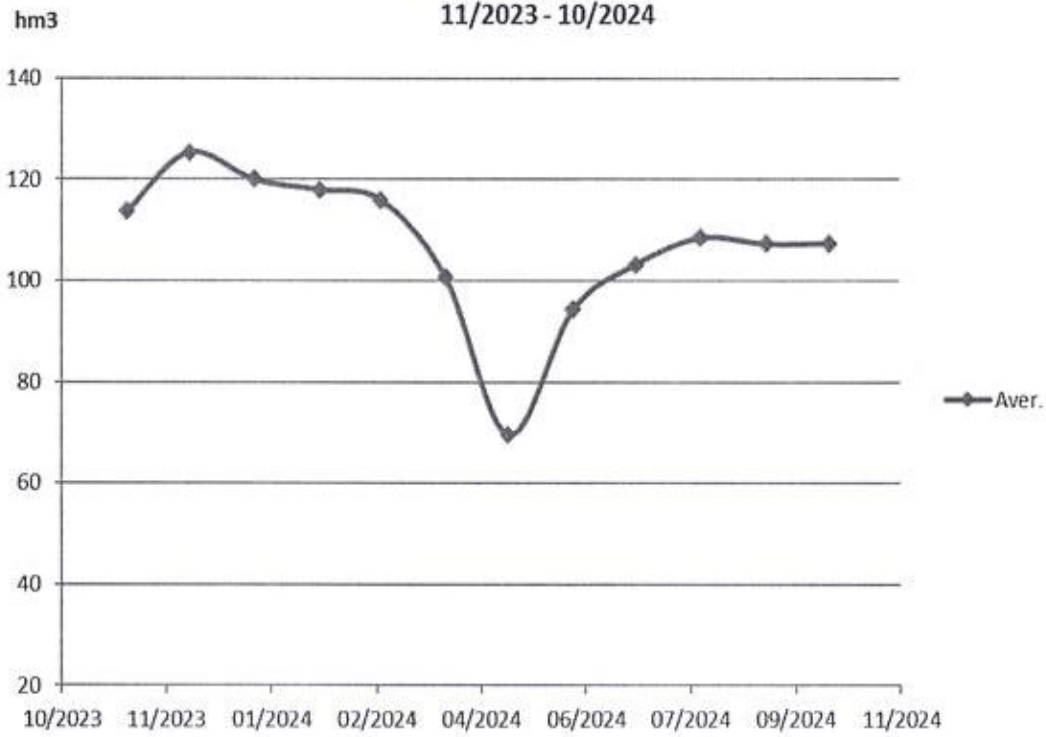


Starting storage Samanalawewa  
10/2023 - 11/2024

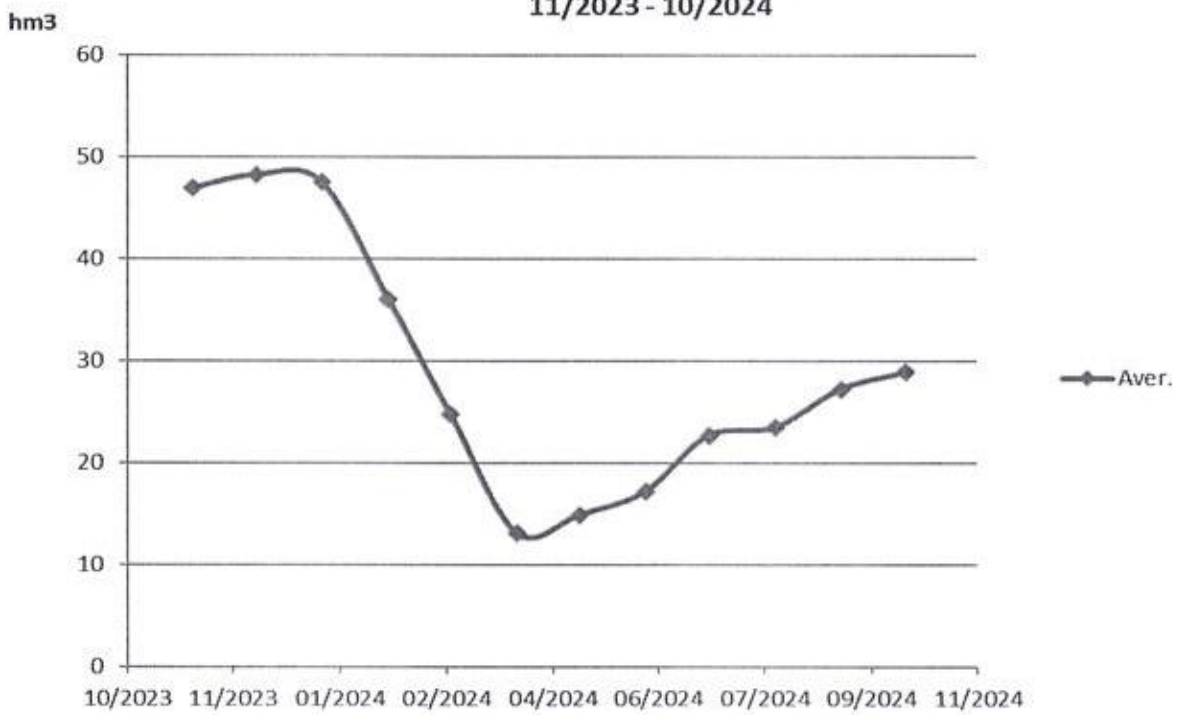




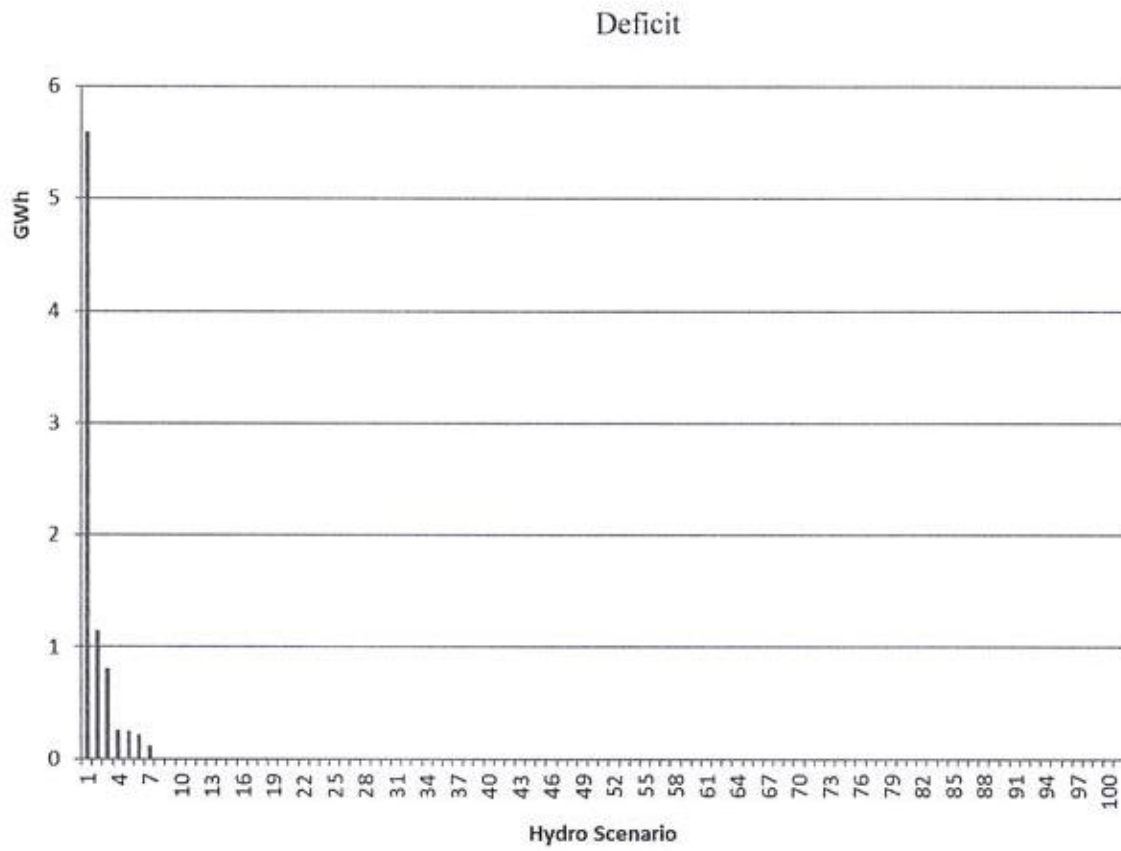
Starting storage Maussakele  
11/2023 - 10/2024



Starting storage Castlereigh  
11/2023 - 10/2024



**Annexure-06**



**Annexure-07**

**Peak Demand Forecast**

2023/24

Month	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
MW	2330	2429	2517	2580	2586	2479	2616	2652	2645	2632	2600	2600

**Annexture-08**

**Fuel prices**

DEISEL	1.067 LITER
NAPTHA	0.489 LITER
LFO LS	0.729 LITER
HFO	0.729 LITER
COAL	0.16 kg
LFO	0.729 LITER

Exchange Rate 329.0139 Rs/\$