Report on Forecast Model (SDDP) Results – September 2026

The forecast report has been prepared based on the following assumptions,

Assumptions:

1. Demand Forecast
   The forecast as given in Annexture-06, has been adjusted considering present demand growth.

2. Indicative centrally dispatch Generation rolling Plan
   Indicative centrally dispatch generation plan is prepared for forecasted hydro scenario. Results are given in Annexture-01. This is only an indicative Energy dispatch plan and this plan cannot be used for future plant additions and only a guide line for dispatch planning.

3. Fuel Requirement
   Indicative fuel oil requirement for forecasted scenario as above is given in Annexture-02.

4. Fuel Availability
   No fuel restrictions are considered except for refinery Naptha production.

5. Indicative maintenance plan
   Maintenance plan is mainly considered for the generation units and is summarized in Annexture-03.

6. Expected Reservoir operation
   Expected reservoir operation under forecasted inflow condition is given in Annexture-04 for all major reservoirs. WMS strictly impose restrictions on hydro generation (Mahaweli Complex) from time to time and thus final dispatch/fuel requirement may be varied from indicative figures. Thus, dispatch pattern may be different than indicated.

7. Probability of Deficit
   Percentage of probability of occurring deficit is estimated and final result is attached as Annexture-05.

8. Fuel Price
   As per Annexture-07. Following fuel prices are considered for the study period. (Diesel- 382 Rs/l, Furnace Oil- 248 Rs/l, Low Sulfur Furnace Oil- 248 Rs/l, Naptha- 210 Rs/l, Coal- 51.58 Rs/kg)

9. Hydro Storage
   The total storage at the beginning of September 2026 is considered to be 823.8 GWh which is around 64.4 % of total storage.

10. New Plant Addition
    Moragolla plant has been unavailable until further notice as per the latest Moragolla project updates.

11. Peak forecast
    Estimated average night peak forecast is attached in Annexture-07.

Tel: (94 11) 2787943 Fax: (94 11) 2787949 e-Mail: director.nscc@nso.lk

for Ranjitha

Eng. R.S. Ranjitha
Chief Engineer (Operations Planning)
National System Control Centre
NSO

M.B.S Samarasekara
Director
(System Control)

Annexure 01 -Indicative Dispatch Plan

Annexure 02 -Fuel Requirement

Annexure 03 -Maintenance Plan

Annexure 04 -Expected Reservoir Operation

Annexure 05 -Probability of Deficit

Annexure 06 -Demand Forecast

Annexure 07 -Peak Forecast

Annexure 08 -Fuel Prices

Tel: (94 11) 2787943 Fax: (94 11) 2787949 e-Mail: director.nscc@nso.lk

ESTIMATED ENERGY DISPATCH FORECAST - September 2026 to Auguset 2027 in GWh

Annexure - 01

	Sep-26	Oct-26	Nov-26	Dec-26	Jan-27	Feb-27	Mar-27	Apr-27	May-27	Jun-27	Jul-27	Aug-27	Total
Total Net Generation	1570.6	1637.7	1554.3	1602.3	1650.3	1588.1	1778.2	1641.3	1758.7	1719.0	1794.2	1799.7	**19269.7**
Total Net Generation/day	52.4	52.8	51.8	51.7	53.2	56.7	57.4	54.7	56.7	57.3	57.9	58.1	**633.4**
Generation Red. due to SPP	**551.4**	**504.2**	**441.0**	**436.5**	**472.4**	**441.6**	**453.7**	**417.1**	**573.6**	**609.1**	**598.2**	**597.4**	**5455.0**
BESS Net Generation	**-0.4**	**-0.7**	**-0.1**	**-0.9**	**-0.9**	**-0.5**	**-0.8**	**-0.6**	**-0.4**	**-0.1**	**-0.6**	**-2.7**	**-2.0**
No. of days	30.0	31.0	30.0	31.0	31.0	28.0	31.0	30.0	31.0	30.0	31.0	31.0	**365.0**
Generation (Centrally dispatch)	1019.6	1134.2	1113.3	1166.7	1178.9	1147.0	1325.4	1224.8	1185.5	1109.9	1196.5	1205.0	**13816.7**
Reqd. Generation/day(Centraly)	34.0	36.6	37.1	37.6	38.0	41.0	42.8	40.8	38.2	37.0	38.6	38.9	**454.3**
IPP/CEB emergency													
Sobadanavi	6.7	2.8	2.0	22.6	24.2	7.6	19.6	29.7	48.4	56.7	14.8	21.5	**433.2**
WCPP	69.4	44.2	59.2	132.4	132.7	110.5	136.9	131.0	134.3	137.3	93.5	87.2	**1103.3**
TOTAL IPP	**76.0**	**47.0**	**61.2**	**155.1**	**156.9**	**118.1**	**156.5**	**160.8**	**182.7**	**194.0**	**108.3**	**108.7**	**1536.6**
CEB Thermal Generation													
LAKVIJAYA1	38.7	173.4	167.8	173.4	173.4	156.6	173.4	167.8	173.4	167.8	173.4	173.4	
LAKVIJAYA2	167.3	173.4	167.8	173.4	173.4	156.6	173.4	167.8	0.0	167.8	173.4	173.4	**5264.5**
LAKVIJAYA3	167.5	173.4	51.9	0.0	134.1	156.6	173.4	167.8	173.4	167.8	173.4	173.4	
SAPU B	19.1	19.5	26.9	38.2	38.2	34.5	38.2	36.9	38.2	36.9	38.2	32.3	**350.7**
SAPU A	2.7	3.9	11.9	30.4	30.4	27.4	30.4	28.9	29.9	28.3	26.7	24.4	**228.9**
BARGE	5.9	6.3	25.0	36.9	36.2	32.7	36.2	35.0	34.1	32.9	34.1	29.2	**215.6**
Uthuru Jannanee	5.3	4.5	11.5	11.8	11.8	10.7	10.4	10.1	9.3	9.0	9.3	8.5	**102.7**
KCCP_Naptha	73.4	71.4	71.3	81.0	79.0	79.0	79.0	79.0	78.9	78.8	78.8	79.0	**911.0**
KCCP_Diesel	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**
GT7	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**
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	6.5	0.0	0.0	0.0	0.6	0.4	4.1	0.0	4.0	0.0	0.0	0.0	**75.6**
Hambanthota-CEB	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	**2.0**
Matugama-CEB	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	**1.6**
Total CEB Thermal Generation	**486.2**	**625.9**	**534.1**	**545.1**	**677.0**	**654.6**	**719.7**	**693.4**	**541.3**	**689.4**	**707.4**	**693.6**	**7152.5**
Prospective Gen. / Energy shortfall													
Total Thermal Generation	**562.2**	**672.9**	**595.3**	**700.2**	**833.9**	**772.7**	**876.2**	**854.2**	**724.0**	**883.4**	**815.7**	**802.3**	**8689.0**
Hydro Gen Reqd.	**457.1**	**461.2**	**518.0**	**466.6**	**345.0**	**374.4**	**449.2**	**370.7**	**461.5**	**226.5**	**380.8**	**402.7**	**5127.4**
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**
Actual hydro reqd.	457.1	461.2	518.0	466.6	345.0	374.4	449.2	370.7	461.5	226.5	380.8	402.7	**5127.4**
Inflow	437.7	676.0	705.8	405.2	347.7	240.2	177.6	265.9	387.5	325.7	479.8	396.3	**5099.2**
Drawdown from reservoirs	-19.4	214.8	187.8	-61.3	2.7	-134.2	-271.6	-104.8	-74.0	99.2	98.9	-6.4	
STARTING STORAGE	823.8	804.4	1019.1	1206.9	1145.6	1148.3	1014.1	742.5	637.7	563.7	662.9	761.8	
Month End Storage	804.4	1019.1	1206.9	1145.6	1148.3	1014.1	742.5	637.7	563.7	662.9	761.8	755.4	
% Storage	0.63	0.80	0.94	0.90	0.90	0.79	0.58	0.50	0.44	0.52	0.60	0.59	

Fuel Consumption (MT)

Annexture-02

Fuel Consumption 2026 and 2027 (Avg)													
	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	**Total**
EGL FO	6,698	7,228	15,674	24,333	24,178	21,838	23,890	23,026	23,153	22,249	22,514	19,606	**234,387**
WCP LSFO	15,157	9,668	12,936	28,939	28,994	24,140	29,910	28,630	29,336	30,004	20,437	19,055	**277,204**
Diesel	2,726	626	455	5,133	5,587	1,798	5,453	6,743	8,279	8,860	2,312	3,351	**51,324**
KCCP-Naptha	12,401	12,073	12,051	13,683	13,351	13,353	13,351	13,347	13,338	13,314	13,313	13,347	**156,924**

Annexure - 03

Hydro Plant Maintenance

**** Planta: 1 KO THMALE

A~NO	1	2	3	4	5	6	7	8	9	10	11	12
2026	0	0	0	0	0	0	0	0	10	23	0	0
2027	0	0	0	0	0	0	25	25	25	0	0	0

**** Planta: 2 UK UWELA

A~NO	1	2	3	4	5	6	7	8	9	10	11	12
2026	0	0	0	0	0	40	15	0	0	0	0	0
2027	0	0	0	0	0	50	50	0	0	0	0	0

**** Planta: 3 VI CTORIA

A~NO	1	2	3	4	5	6	7	8	9	10	11	12
2026	0	0	0	8	33	0	0	0	0	23	0	0
2027	0	0	0	0	0	33	33	22	0	0	0	0

**** Planta: 4 RA NDENIGAL

A~NO	1	2	3	4	5	6	7	8	9	10	11	12
2026	0	0	12.5	38	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	50	0	0	0	0

**** Planta: 5 RA NTAMBE

A~NO	1	2	3	4	5	6	7	8	9	10	11	12
2026	0	0	0	0	0	0	50	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0

**** Planta: 6 R_ BOWA

A~NO	1	2	3	4	5	6	7	8	9	10	11	12
2026	0	0	0	0	0	0	0	50	50	0	0	0
2027	0	0	0	0	0	0	100	100	100	0	0	0

**** Planta: 11 CA NYON

A~NO	1	2	3	4	5	6	7	8	9	10	11	12
2026	5	42	0	0	0	0	0	0	0	0	0	50
2027	0	37.5	0	0	0	0	0	0	0	0	0	0

**** Planta: 12 NE W_LAXAPA

A~NO	1	2	3	4	5	6	7	8	9	10	11	12
2026	5	42	0	0	0	0	0	0	0	0	0	0
2027	0	50	0	0	0	0	0	0	0	0	0	0

**** Planta: 13 PO LPITIYA

A~NO	1	2	3	4	5	6	7	8	9	10	11	12
2026	37.5	16	16	16	16	16	16	16	16	16	16	16
2027	16	37.5	0	0	0	0	0	0	0	0	0	0

**** Planta: 14 WI MALASURE

A~NO	1	2	3	4	5	6	7	8	9	10	11	12
2026	0	0	50	0	0	0	0	0	0	0	0	0
2027	0	0	50	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
2026	0	5	20	4	0	0	0	0	0	0	0	0
2027	0	0	20	0	0	0	0	0	25	0	0	0

**** Planta: 23 SA MANALAWE

A~NO	1	2	3	4	5	6	7	8	9	10	11	12
2026	0	0	0	0	0	0	0	0	0	34	0	0

2027	0	0	0	0	0	0	0	45	50	50	0	0

**** Planta: 27 KU KULE

A~NO	1	2	3	4	5	6	7	8	9	10	11	12
2026	25	37	0	0	0	0	0	0	0	0	0	0
2027	50	0	0	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
2026	0	0	50	0	0	0	0	0	0	0	0	3
2027	50	50	50	50	47	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
2026	0	0	12.5	0	0	0	0	0	0	0	0	0
2027	0	50	0	0	0	0	0	0	0	0	0	0

**** Planta: 30 MO RAGOLLA

A~NO	1	2	3	4	5	6	7	8	9	10	11	12
2026	100	100	100	100	100	100	100	100	100	100	100	100
2027	100	100	100	100	100	100	100	100	100	100	100	100

**** Planta: 31 UM A_OYA

A~NO	1	2	3	4	5	6	7	8	9	10	11	12
2026	50	30	0	0	0	0	0	34	0	0	0	25
2027	0	0	0	0	0	0	34	34	0	0	0	0

Thermal Plant Maintenance

*** Planta: 1 LAK VIJAYA

A~NO	1	2	3	4	5	6	7	8	9	10	11	12
2026	61	0	0	0	0	0	0	100	66	0	0	0
2027	0	0	0	0	0	83	0	0	0	100	100	0

**** Planta: 2 SA PU A

A~NO	1	2	3	4	5	6	7	8	9	10	11	12
2026	25	25	25	25	25	25	25	25	25	25	25	25
2027	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
2026	25	25	25	25	25	25	25	25	25	25	25	25
2027	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
2026	25	25	33	33	33	33	33	33	33	33	33	33
2027	10	10	10	10	15	15	15	10	15	15	15	15

**** Planta: 10 KC CPS 2

A~NO	1	2	3	4	5	6	7	8	9	10	11	12
2026	5	16	5	5	5	5	5	5	5	5	70	100
2027	75	5	5	5	5	5	5	33	5	5	5	5

**** Planta: 11 WC P

A~NO	1	2	3	4	5	6	7	8	9	10	11	12
2026	5	5	5	7	7	7	7	7	17	7	7	7
2027	5	5	5	33	5	5	5	5	5	50	5	5

**** Planta: 13 KC CP_CC

A~NO	1	2	3	4	5	6	7	8	9	10	11	12

2026	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	100	100	0

**** Planta: 14 LA KVIJAYA2

A~NO	1	2	3	4	5	6	7	8	9	10	11	12
2026	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	100	0	0	0	0	0	0	0

**** Planta: 15 LA KVIJAYA3

A~NO	1	2	3	4	5	6	7	8	9	10	11	12
2026	0	0	0	0	0	0	0	0	0	0	70	100
2027	25	0	0	0	0	0	0	0	0	0	0	81

**** Planta: 16 Ne wChunr am

A~NO	1	2	3	4	5	6	7	8	9	10	11	12
2026	15	15	15	15	15	15	15	15	15	15	15	15
2027	15	15	15	15	33	33	33	25	33	33	33	33

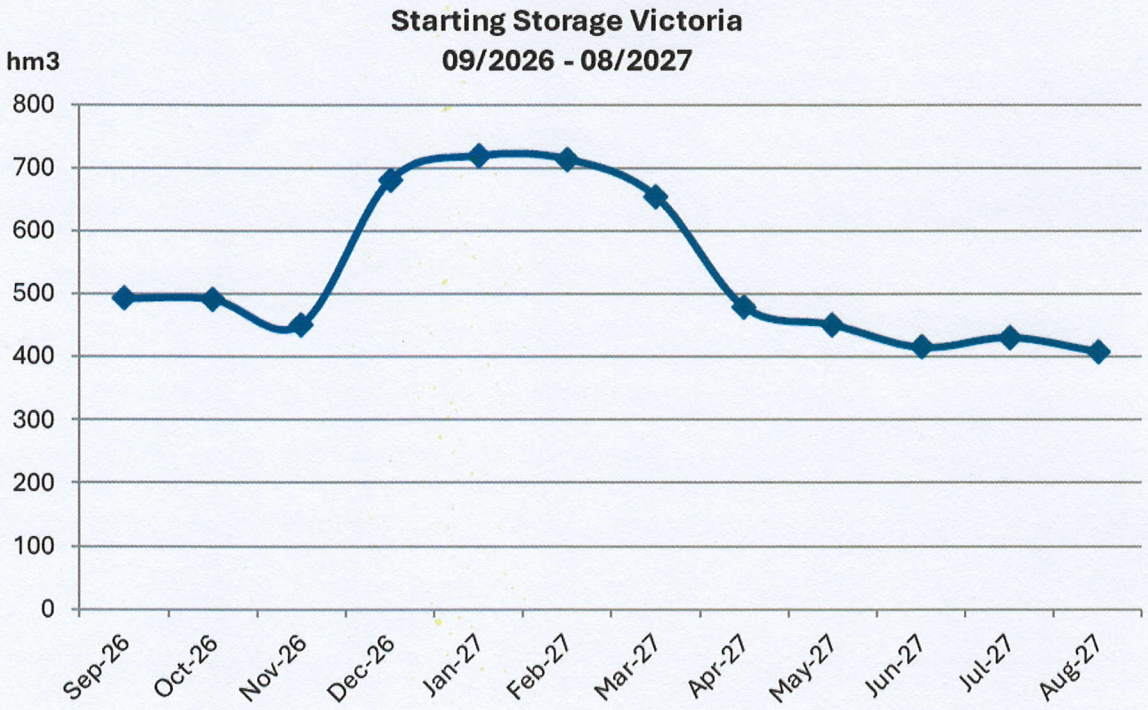
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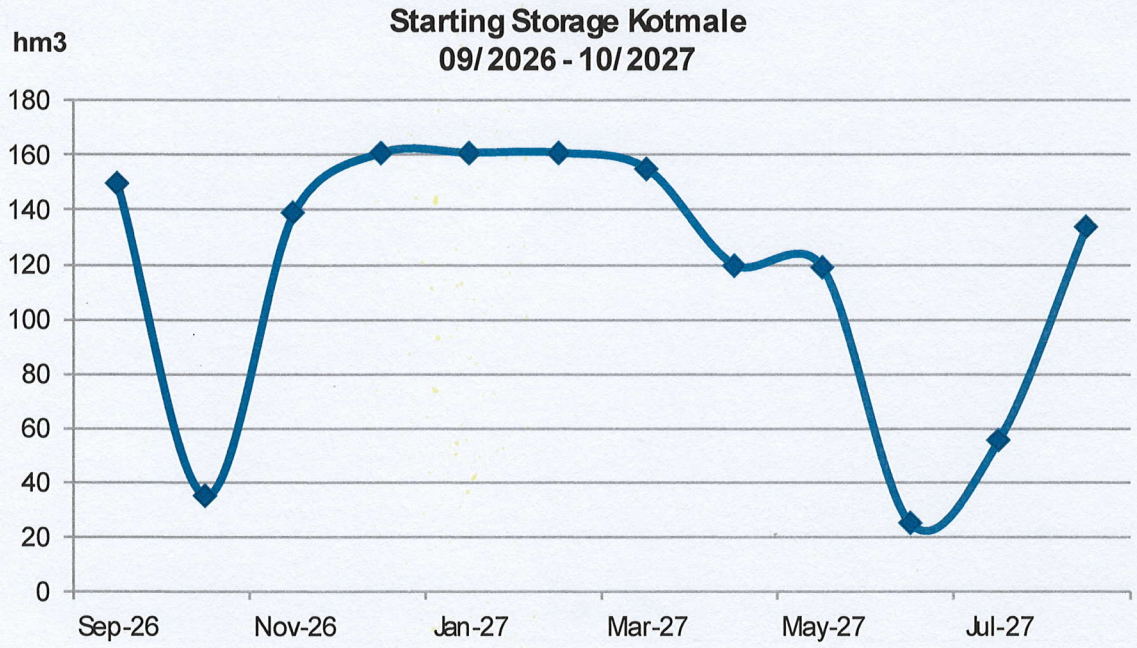
A~NO	1	2	3	4	5	6	7	8	9	10	11	12
2026	25	25	25	25	25	25	25	25	25	25	25	25
2027	25	25	25	25	25	25	25	25	25	25	25	25

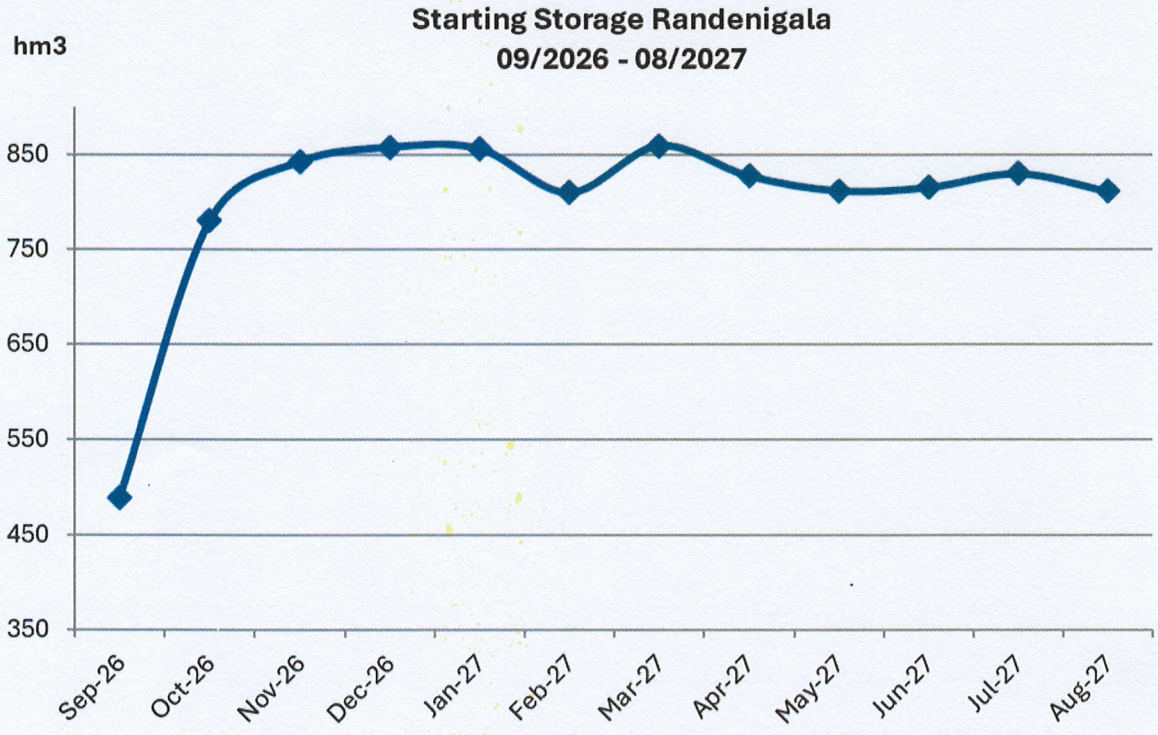
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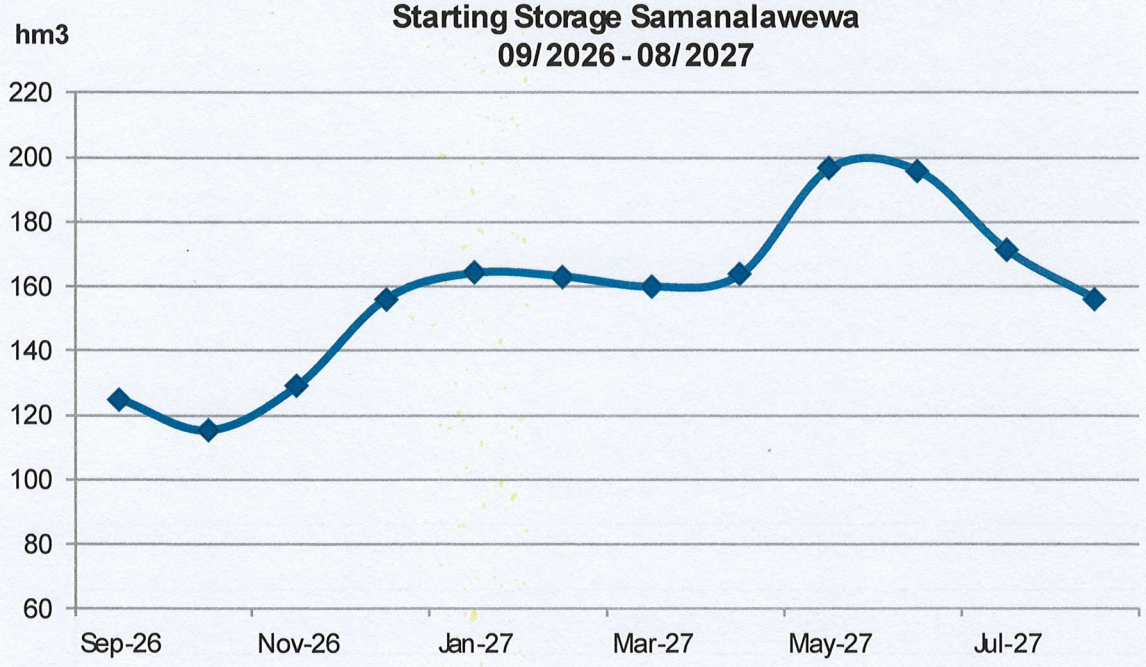
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2026	0	0	0	0	0	0	0	25	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0

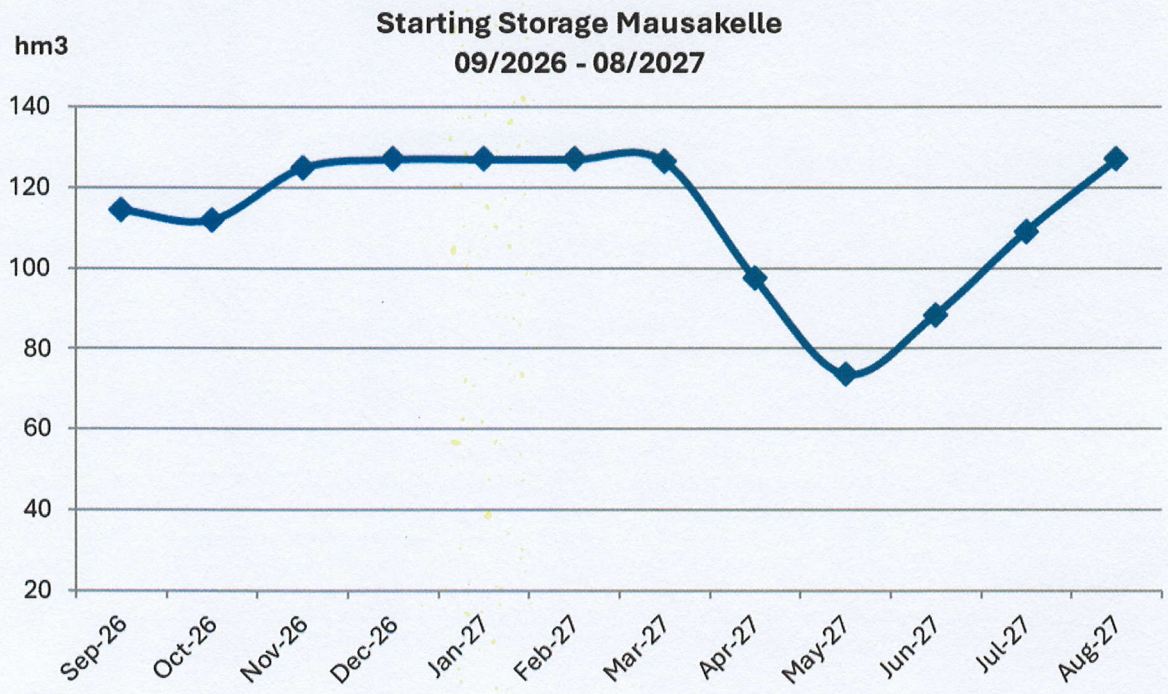
Annexure-04

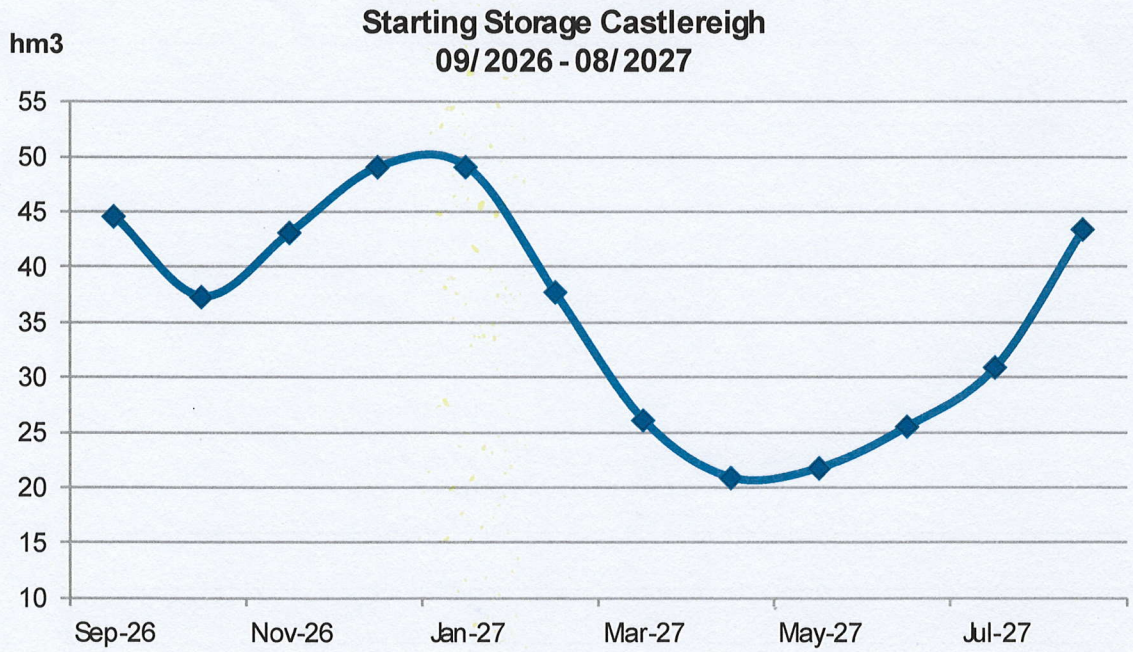

Starting Storage Victoria
09/2026 - 08/2027
hm3
800
700
600
500
400
300
200
100
0
Sep-26
Oct-26
Nov-26
Dec-26
Jan-27
Feb-27
Mar-27
Apr-27
May-27
Jun-27
Jul-27
Aug-27


Starting Storage Kotmale
09/2026 - 10/2027
hm3
180
160
140
120
100
80
60
40
20
0
Sep-26
Nov-26
Jan-27
Mar-27
May-27
Jul-27


Starting Storage Randenigala
09/2026 - 08/2027
hm3
850
750
650
550
450
350
Sep-26
Oct-26
Nov-26
Dec-26
Jan-27
Feb-27
Mar-27
Apr-27
May-27
Jun-27
Jul-27
Aug-27

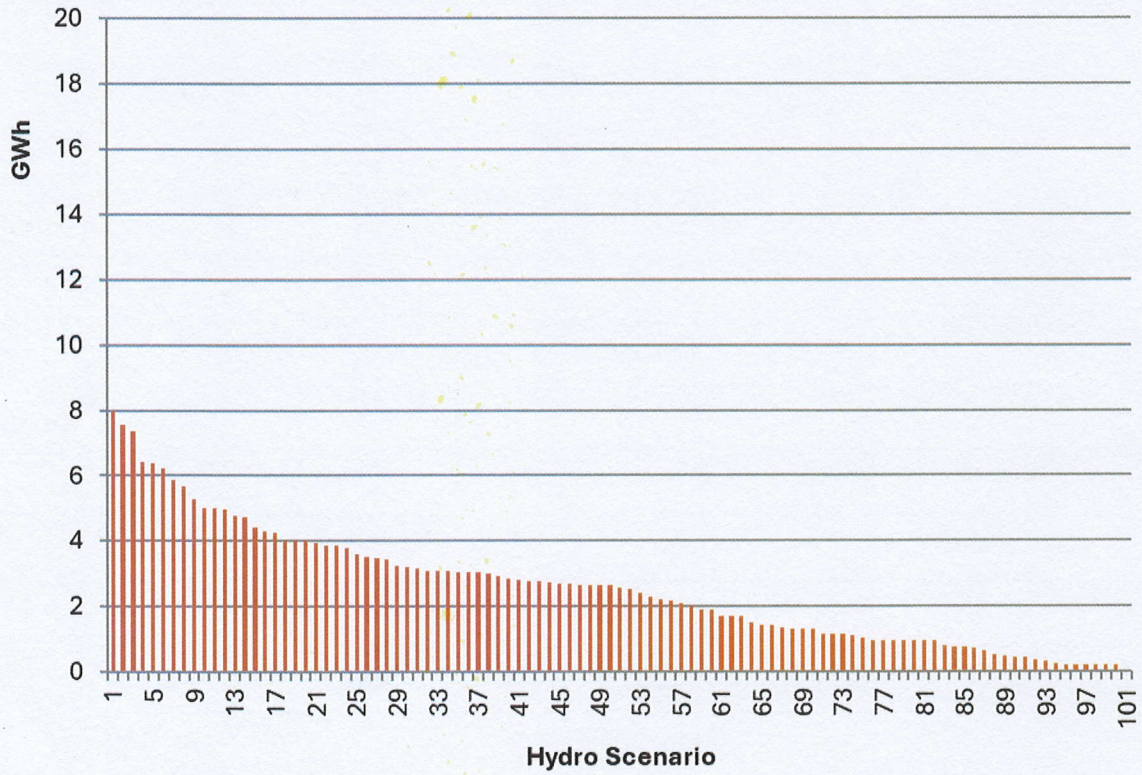

Starting Storage Samanalawewa
09/2026 - 08/2027
hm3
220
200
180
160
140
120
100
80
60
Sep-26
Nov-26
Jan-27
Mar-27
May-27
Jul-27


Starting Storage Mausakelle
09/2026 - 08/2027
hm3
140
120
100
80
60
40
20
Sep-26
Oct-26
Nov-26
Dec-26
Jan-27
Feb-27
Mar-27
Apr-27
May-27
Jun-27
Jul-27
Aug-27


Starting Storage Castlereigh
09/2026 - 08/2027
hm3
55
50
45
40
35
30
25
20
15
10
Sep-26
Nov-26
Jan-27
Mar-27
May-27
Jul-27

Annexure-05

Deficit



Annexure-06

Demand (GWh)

2026/2027

Month	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
GWh	1571	1638	1554	1602	1650	1588	1778	1641	1759	1719	1794	1800

Annexure-07

Peak Demand Forecast (MW)

2026/2027

Month	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
MW	3230	2197	3185	3127	3193	3277	3389	3287	3272	3123	3224	3263

Annexture-08

Fuel prices

DEISEL	1.149	LITER
NAPTHA	0.632	LITER
LFO LS	0.746	LITER
HFO	0.746	LITER
COAL	0.155	kg
LFO	0.746	LITER

Exchange Rate	332.52	Rs/$