



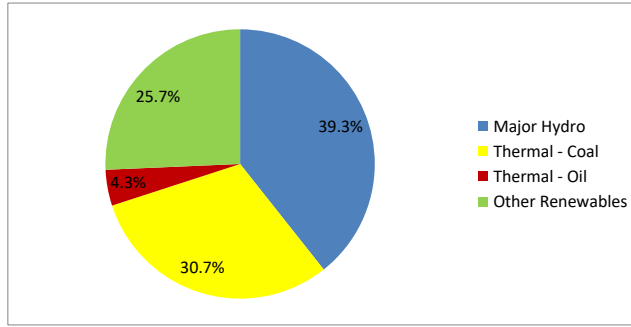
Daily Electricity Generation & Cost Estimation Report

14th November 2024



Daily Generation Mix -14th Nov 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	15.33	39.3%
Thermal - Coal	11.95	30.7%
Thermal - Furnace Oil	1.68	4.3%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	0.00	0.0%
Wind - CEB	0.09	0.2%
Wind - IPP	0.08	0.2%
Solar - IPP - Ground Mounted	0.58	1.5%
Solar - Roof Top	2.77	7.1%
Mini Hydro	6.02	15.5%
Municipal Solid Waste	0.46	1.2%
Total	38.97	



Note – Estimated generation from roof top solar, non-telemetered solar and mini hydro plants has been included in the above figures

Estimated Generation Cost : 14th Nov 2024

Plant Type	Energy Cost (Mn LKR)	Non Fuel Energy Cost (Mn LKR)	Capacity Cost (Mn LKR)	Total Cost of Generation (Mn LKR)	Energy Cost per Unit (LKR/kWh)	Non fuel Energy Cost per Unit (LKR/kWh)	Capacity Charge per Unit (LKR/kWh)	Cost of Electricity per Unit (LKR/kWh)
Major Hydro	0.0	0.0	39.1	39.1	0.00	0.00	2.55	2.55
Thermal - Coal	224.0	28.4	46.3	298.7	18.74	2.37	3.88	24.99
Thermal - Furnace Oil	76.2	9.7	51.9	137.8	45.31	5.77	30.90	81.97
Thermal - Diesel	0.0	1.5	20.0	21.5	0.00	0.00	0.00	0.00
Thermal - Naphtha	0.0	2.0	3.3	5.3	0.00	0.00	0.00	0.00
Wind - CEB	0.0	0.0	21.6	21.6	0.00	0.00	234.36	234.36
Wind - IPP	1.3	0.0	0.0	1.3	16.15	0.00	0.00	16.15
Solar - IPP - Ground Mounted	11.3	0.0	0.0	11.3	19.58	0.00	0.00	19.58
Solar - Roof Top	69.0	0.0	0.0	69.0	24.92	0.00	0.00	24.92
Mini Hydro	81.9	0.0	0.0	81.9	13.59	0.00	0.00	13.59
Municipal Solid Waste	18.1	0.0	0.0	18.1	39.00	0.00	0.00	39.00
Total	481.7	41.5	182.2	705.4	12.36	1.07	4.68	18.10

Note -

Start/Stop costs has been excluded in the calculation

Capacity cost is based on the approved BST submission.

Unit Cost of Generation for the day : **18.10 LKR/kWh**
 Total Generation Cost for the day: **705.41 Mn LKR**

Fuel Prices

(as at 11th Nov 2024)

	Price (LKR/Liter or LKR/kg)
Furnace	199.00
Coal	45.65
Naphtha	166.00
Auto Diesel	283.00

Scheduled (Day Ahead) Generation Mix - 14th Nov 2024 (Excluding generation from non telemetered power plants)

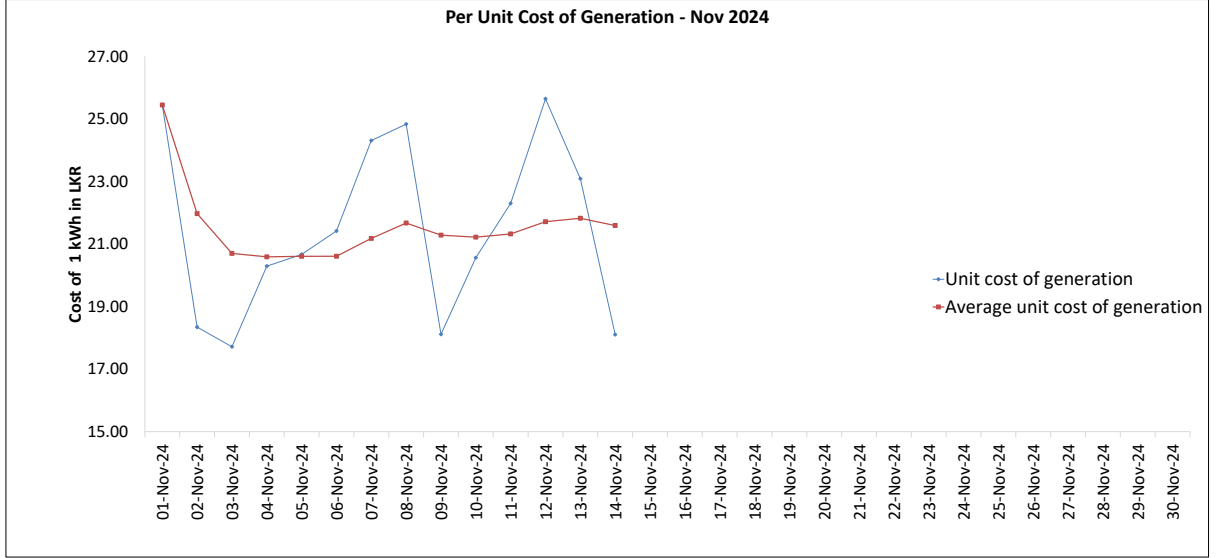
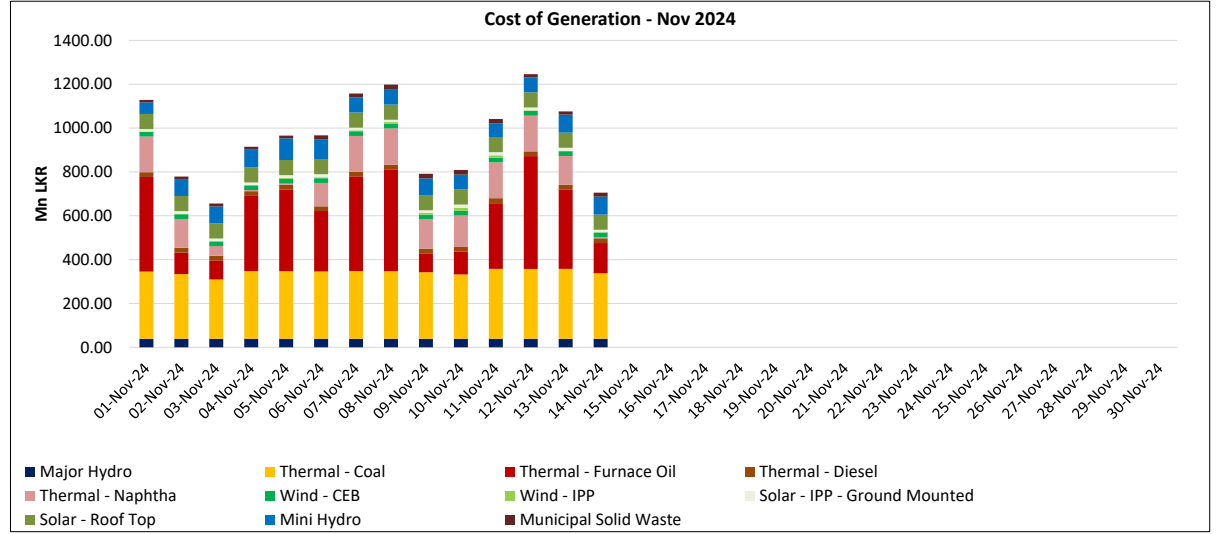
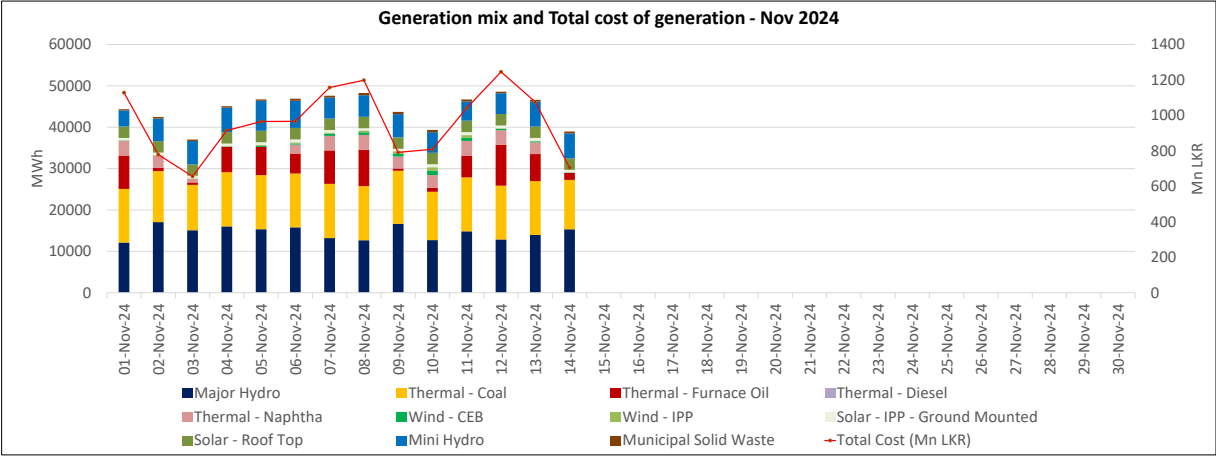
Plant Type	Generation (GWh)	Percentage
Major Hydro	14.5	36%
Thermal - Coal	13.0	32%
Thermal - Furnace Oil	7.3	18%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	0.0	0%
Wind - CEB		
Wind - IPP	0.5	1%
BMP	0.5	1%
Solar	0.6	2%
Mini Hydro	4.4	11%
Total	40.73	

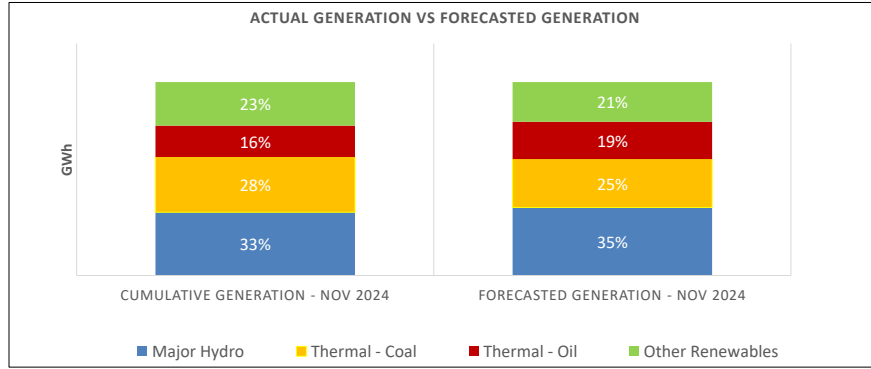
Actual Generation Mix - 14th Nov 2024 (Excluding generation from non telemetered power plants)

Plant Type	Generation (GWh)	Percentage
Major Hydro	15.3	43%
Thermal - Coal	12.0	33%
Thermal - Furnace Oil	1.7	5%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	0.0	0%
Wind - CEB	0.1	0%
Wind - IPP	0.1	0%
BMP	0.5	1.3%
Solar	0.6	2%
Mini Hydro	5.7	16%
Total	35.85	

Estimated Generation Cost for the Scheduled Dispatch (Excluding non telemetered NCRE plants) **897 Mn LKR**

Estimated Generation Cost for the Actual Dispatch (Excluding non telemetered NCRE plants) **632 Mn LKR**





	Cumulative Generation - Nov 2024 [GWh]	Forecasted Generation - Nov 2024 [GWh]
Major Hydro	204	478
Thermal - Coal	177	338
Thermal - Oil	101	263
Other Renewables	140	278
Total	622	1357

Forecasted Generation - SDDP Oct 2024

Estimated Cost of Generation - Nov 2024 (Mn LKR)

Major Hydro	547 Mn LKR
Thermal - Coal	4,264 Mn LKR
Thermal - Furnace Oil	4,009 Mn LKR
Thermal - Diesel	302 Mn LKR
Thermal - Naphtha	1,523 Mn LKR
Wind - CEB	302 Mn LKR
Wind - IPP	64 Mn LKR
Solar - IPP - Ground Mounted	176 Mn LKR
Solar - Roof Top	966 Mn LKR
Mini Hydro	1,051 Mn LKR
Municipal Solid Waste	231 Mn LKR
Total Generation Cost	13,436 Mn LKR

Generation Energy Cost (Nov) 10,227 Mn LKR

*Generation Capacity Cost (Nov) 2,551 Mn LKR

Other Cost (Nov) 582 Mn LKR

Average Unit Cost of Generation (Nov) 21.59 LKR/kWh

Note -

* Capacity cost is based on the approved BST submission.