



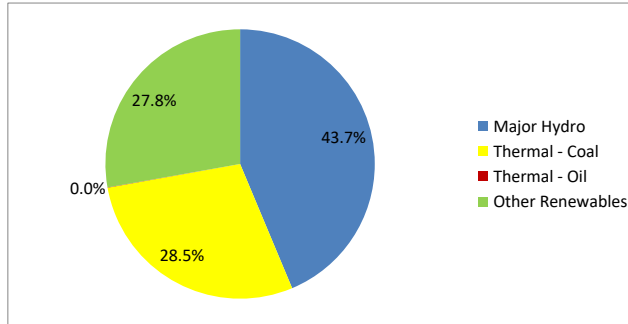
Daily Electricity Generation & Cost Estimation Report

15th November 2024



Daily Generation Mix -15th Nov 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	15.87	43.7%
Thermal - Coal	10.35	28.5%
Thermal - Furnace Oil	0.01	0.0%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	0.00	0.0%
Wind - CEB	0.19	0.5%
Wind - IPP	0.10	0.3%
Solar - IPP - Ground Mounted	0.57	1.6%
Solar - Roof Top	2.77	7.6%
Mini Hydro	6.03	16.6%
Municipal Solid Waste	0.44	1.2%
Total	36.32	



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

Estimated Generation Cost : 15th 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	2.46	2.46
Thermal - Coal	194.0	28.4	46.3	268.7	18.74	2.74	4.48	25.96
Thermal - Furnace Oil	0.6	9.7	51.9	62.2	41.36	692.26	3710.03	4443.65
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	114.08	114.08
Wind - IPP	1.6	0.0	0.0	1.6	16.15	0.00	0.00	16.15
Solar - IPP - Ground Mounted	11.1	0.0	0.0	11.1	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	17.0	0.0	0.0	17.0	39.00	0.00	0.00	39.00
Total	375.2	41.5	182.2	598.9	10.33	1.14	5.02	16.49

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 : **16.49 LKR/kWh**
 Total Generation Cost for the day: **598.92 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 - 15th Nov 2024 (Excluding generation from non telemetered power plants)

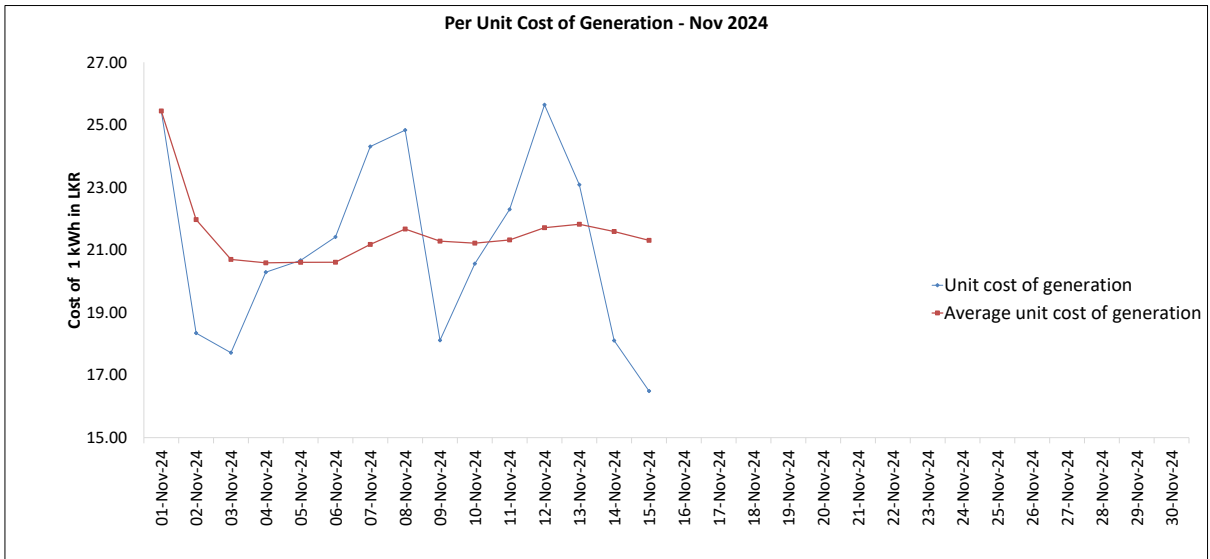
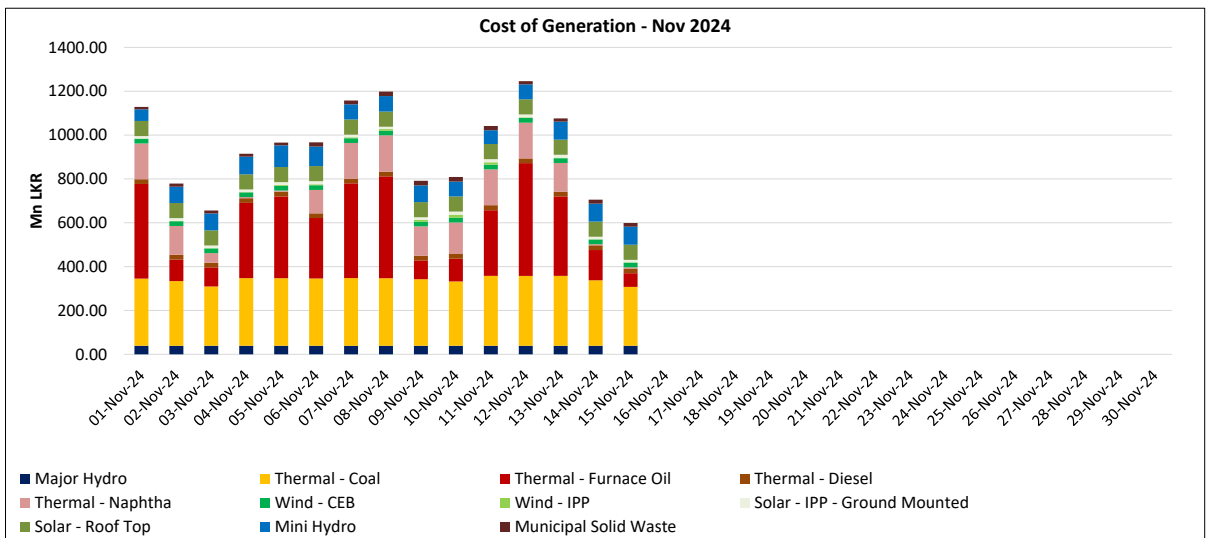
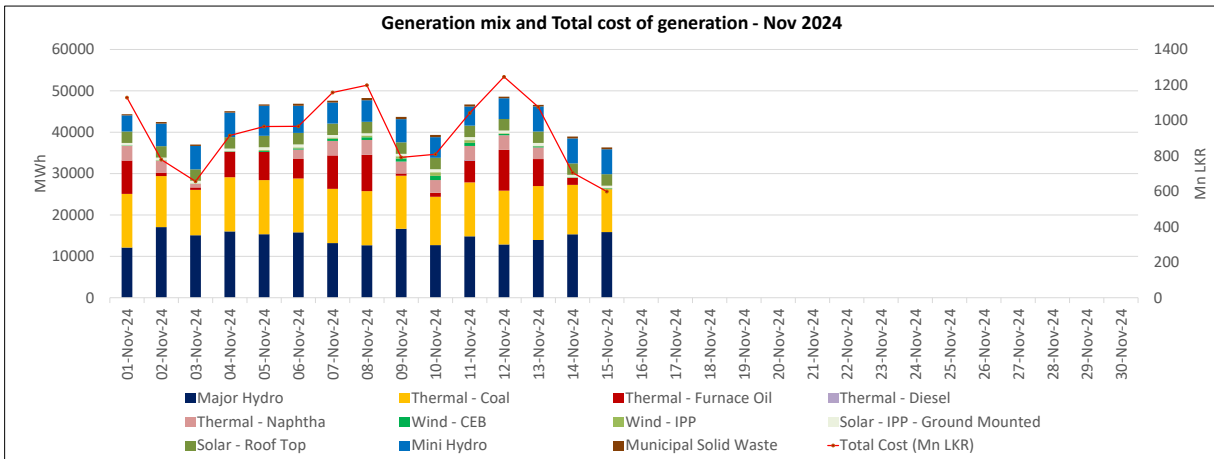
Plant Type	Generation (GWh)	Percentage
Major Hydro	14.5	40%
Thermal - Coal	12.8	35%
Thermal - Furnace Oil	1.9	5%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	0.0	0%
Wind - CEB	0.2	1%
Wind - IPP		
BMP	0.4	1%
Solar	0.6	2%
Mini Hydro	5.7	16%
Total	36.16	

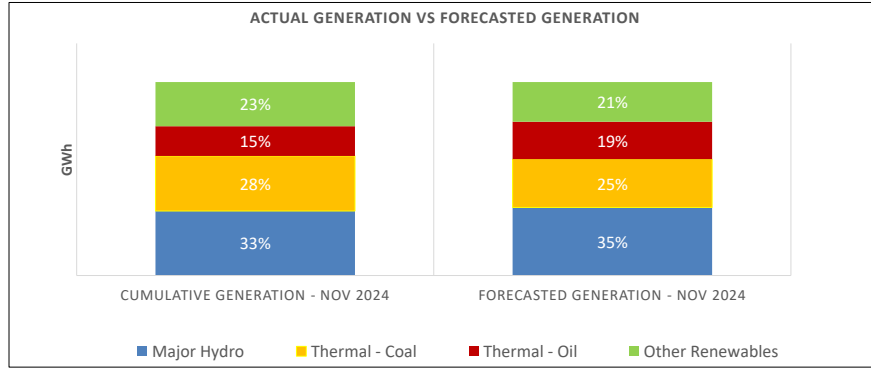
Estimated Generation Cost for the Scheduled Dispatch (Excluding non telemetered NCRE plants) **654 Mn LKR**

Actual Generation Mix - 15th Nov 2024 (Excluding generation from non telemetered power plants)

Plant Type	Generation (GWh)	Percentage
Major Hydro	15.9	48%
Thermal - Coal	10.3	31%
Thermal - Furnace Oil	0.0	0%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	0.0	0%
Wind - CEB	0.2	1%
Wind - IPP	0.1	0%
BMP	0.4	1.3%
Solar	0.6	2%
Mini Hydro	5.7	17%
Total	33.21	

Estimated Generation Cost for the Actual Dispatch (Excluding non telemetered NCRE plants) **525 Mn LKR**





	Cumulative Generation - Nov 2024 [GWh]	Forecasted Generation - Nov 2024 [GWh]
Major Hydro	220	478
Thermal - Coal	188	338
Thermal - Oil	101	263
Other Renewables	150	278
Total	659	1357

Forecasted Generation - SDDP Oct 2024

Estimated Cost of Generation - Nov 2024 (Mn LKR)

Major Hydro	586 Mn LKR
Thermal - Coal	4,532 Mn LKR
Thermal - Furnace Oil	4,071 Mn LKR
Thermal - Diesel	324 Mn LKR
Thermal - Naphtha	1,528 Mn LKR
Wind - CEB	323 Mn LKR
Wind - IPP	66 Mn LKR
Solar - IPP - Ground Mounted	187 Mn LKR
Solar - Roof Top	1,035 Mn LKR
Mini Hydro	1,133 Mn LKR
Municipal Solid Waste	248 Mn LKR
Total Generation Cost	14,035 Mn LKR

Generation Energy Cost (Nov)	10,602 Mn LKR
*Generation Capacity Cost (Nov)	2,733 Mn LKR
Other Cost (Nov)	623 Mn LKR
Average Unit Cost of Generation (Nov)	21.31 LKR/kWh

Note -

* Capacity cost is based on the approved BST submission.