



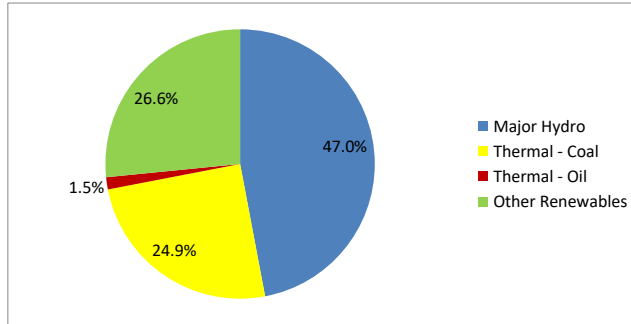
Daily Electricity Generation & Cost Estimation Report

16th November 2024



Daily Generation Mix -16th Nov 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	18.33	47.0%
Thermal - Coal	9.72	24.9%
Thermal - Furnace Oil	0.55	1.4%
Thermal - Diesel	0.02	0.1%
Thermal - Naphtha	0.00	0.0%
Wind - CEB	0.26	0.7%
Wind - IPP	0.12	0.3%
Solar - IPP - Ground Mounted	0.63	1.6%
Solar - Roof Top	2.77	7.1%
Mini Hydro	6.12	15.7%
Municipal Solid Waste	0.46	1.2%
Total	38.98	



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

Estimated Generation Cost : 16th 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	2.13	2.13
Thermal - Coal	182.2	28.4	46.3	256.9	18.74	2.92	4.77	26.43
Thermal - Furnace Oil	23.9	9.7	51.9	85.5	43.62	17.72	94.96	156.29
Thermal - Diesel	1.5	1.5	20.0	23.0	73.66	71.45	951.15	1096.26
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	82.29	82.29
Wind - IPP	2.0	0.0	0.0	2.0	16.15	0.00	0.00	16.15
Solar - IPP - Ground Mounted	12.3	0.0	0.0	12.3	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	83.1	0.0	0.0	83.1	13.59	0.00	0.00	13.59
Municipal Solid Waste	17.8	0.0	0.0	17.8	39.00	0.00	0.00	39.00
Total	391.9	41.5	182.2	615.6	10.05	1.07	4.67	15.79

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 : **15.79 LKR/kWh**
 Total Generation Cost for the day: **615.61 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 - 16th Nov 2024 (Excluding generation from non telemetered power plants)

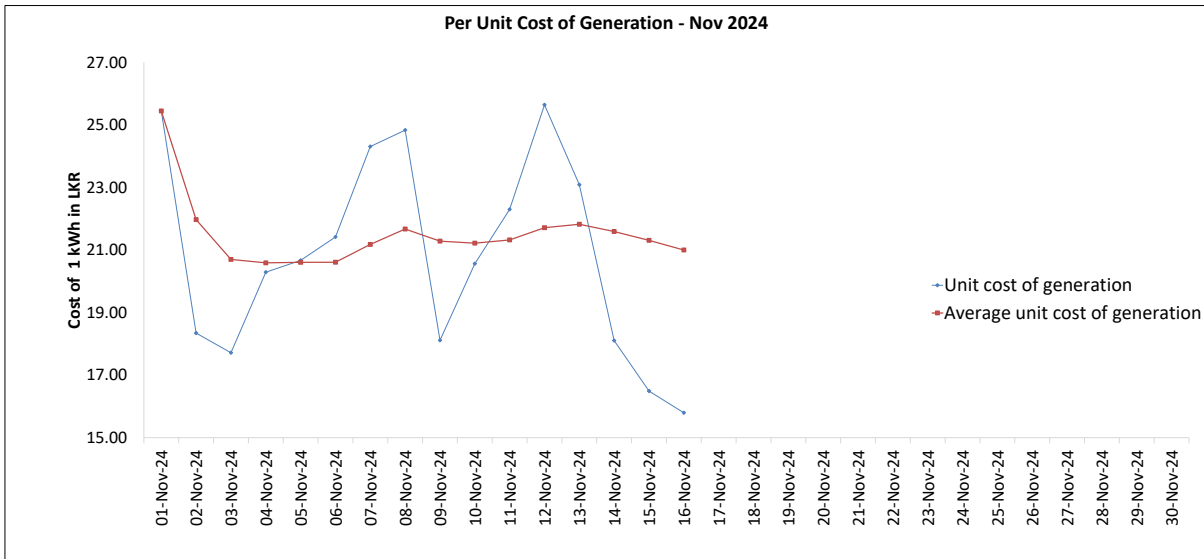
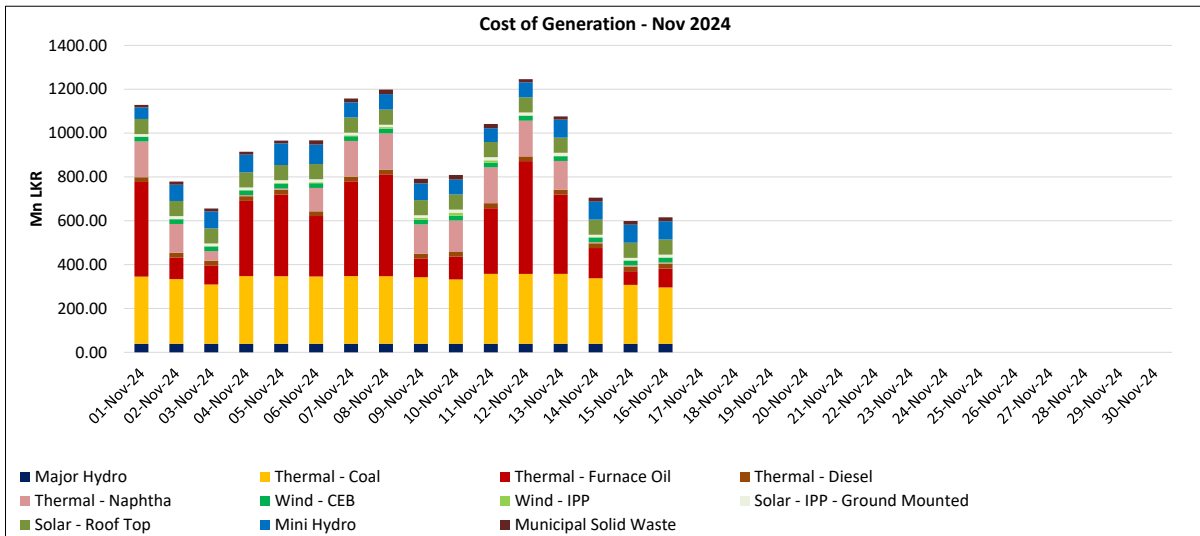
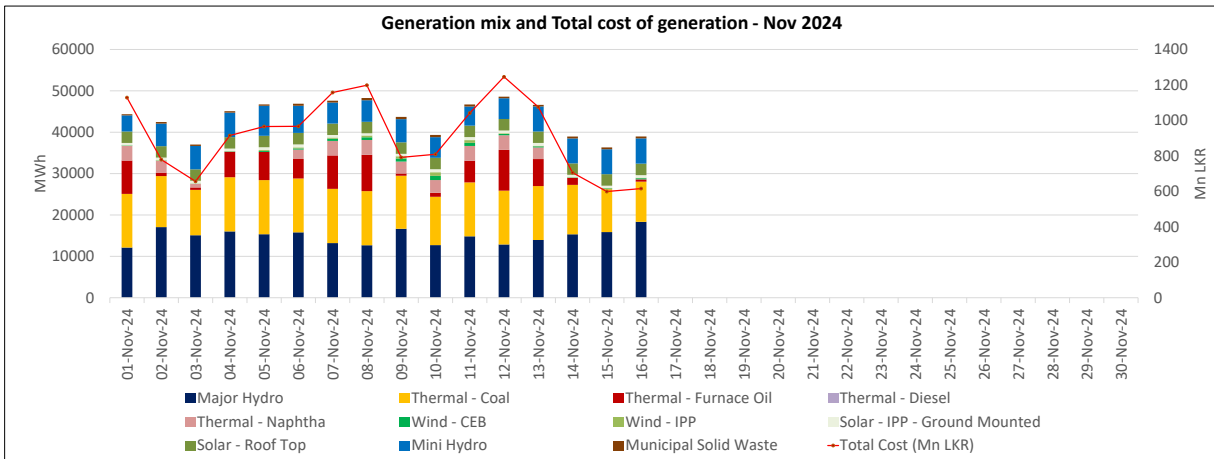
Plant Type	Generation (GWh)	Percentage
Major Hydro	17.6	50%
Thermal - Coal	11.0	31%
Thermal - Furnace Oil	0.0	0%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	0.0	0%
Wind - CEB	0.4	1%
Wind - IPP		
BMP	0.5	1%
Solar	0.4	1%
Mini Hydro	5.7	16%
Total	35.53	

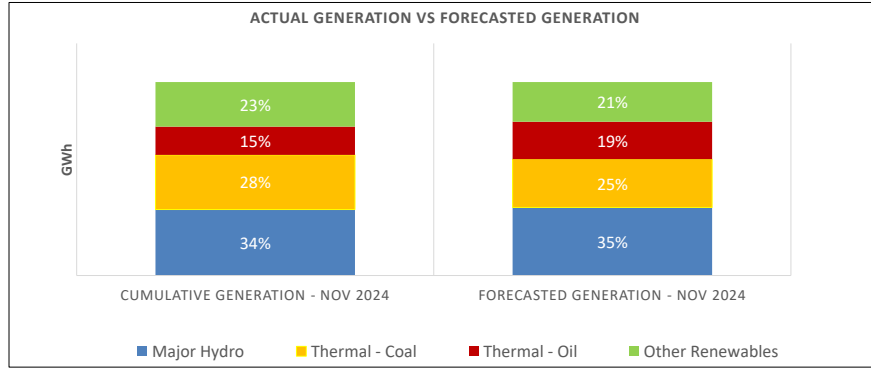
Estimated Generation Cost for the Scheduled Dispatch (Excluding non telemetered NCRE plants) **537 Mn LKR**

Actual Generation Mix - 16th Nov 2024 (Excluding generation from non telemetered power plants)

Plant Type	Generation (GWh)	Percentage
Major Hydro	18.3	51%
Thermal - Coal	9.7	27%
Thermal - Furnace Oil	0.5	2%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	0.0	0%
Wind - CEB	0.3	1%
Wind - IPP	0.1	0%
BMP	0.5	1.3%
Solar	0.6	2%
Mini Hydro	5.8	16%
Total	35.86	

Estimated Generation Cost for the Actual Dispatch (Excluding non telemetered NCRE plants) **542 Mn LKR**





	Cumulative Generation - Nov 2024 [GWh]	Forecasted Generation - Nov 2024 [GWh]
Major Hydro	238	478
Thermal - Coal	197	338
Thermal - Oil	102	263
Other Renewables	161	278
Total	698	1357

Forecasted Generation - SDDP Oct 2024

Estimated Cost of Generation - Nov 2024 (Mn LKR)

Major Hydro	625	Mn LKR
Thermal - Coal	4,789	Mn LKR
Thermal - Furnace Oil	4,157	Mn LKR
Thermal - Diesel	347	Mn LKR
Thermal - Naphtha	1,534	Mn LKR
Wind - CEB	345	Mn LKR
Wind - IPP	68	Mn LKR
Solar - IPP - Ground Mounted	199	Mn LKR
Solar - Roof Top	1,104	Mn LKR
Mini Hydro	1,217	Mn LKR
Municipal Solid Waste	266	Mn LKR
Total Generation Cost	14,650	Mn LKR

Generation Energy Cost (Nov)	10,994	Mn LKR
*Generation Capacity Cost (Nov)	2,915	Mn LKR
Other Cost (Nov)	665	Mn LKR
Average Unit Cost of Generation (Nov)	21.00	LKR/kWh

Note -

* Capacity cost is based on the approved BST submission.