



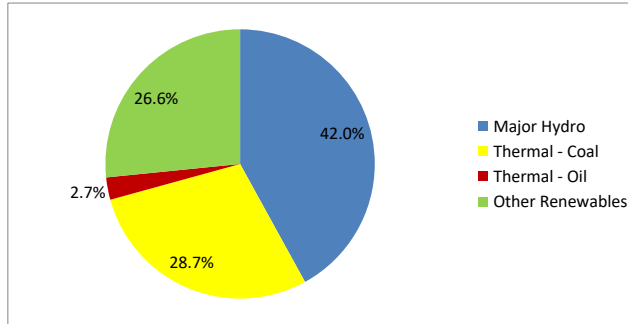
Daily Electricity Generation & Cost Estimation Report

17th November 2024



Daily Generation Mix -17th Nov 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	16.04	42.0%
Thermal - Coal	10.98	28.7%
Thermal - Furnace Oil	1.02	2.7%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	0.00	0.0%
Wind - CEB	0.39	1.0%
Wind - IPP	0.23	0.6%
Solar - IPP - Ground Mounted	0.66	1.7%
Solar - Roof Top	2.77	7.3%
Mini Hydro	5.56	14.5%
Municipal Solid Waste	0.55	1.4%
Total	38.21	



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

Estimated Generation Cost : 17th 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	2.43	2.43
Thermal - Coal	205.7	28.4	46.3	280.5	18.74	2.58	4.22	25.55
Thermal - Furnace Oil	44.6	9.7	51.9	106.2	43.55	9.46	50.72	103.74
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	54.86	54.86
Wind - IPP	3.8	0.0	0.0	3.8	16.15	0.00	0.00	16.15
Solar - IPP - Ground Mounted	12.9	0.0	0.0	12.9	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	75.5	0.0	0.0	75.5	13.59	0.00	0.00	13.59
Municipal Solid Waste	21.3	0.0	0.0	21.3	39.00	0.00	0.00	39.00
Total	432.9	41.5	182.2	656.6	11.33	1.09	4.77	17.19

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 : **17.19 LKR/kWh**
 Total Generation Cost for the day: **656.60 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 - 17th Nov 2024 (Excluding generation from non telemetered power plants)

Plant Type	Generation (GWh)	Percentage
Major Hydro	14.7	47%
Thermal - Coal	9.8	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	0.4	1%
Solar	0.4	1%
Mini Hydro	5.7	18%
Total	31.34	

Estimated Generation Cost for the Scheduled Dispatch (Excluding non telemetered NCRE plants)

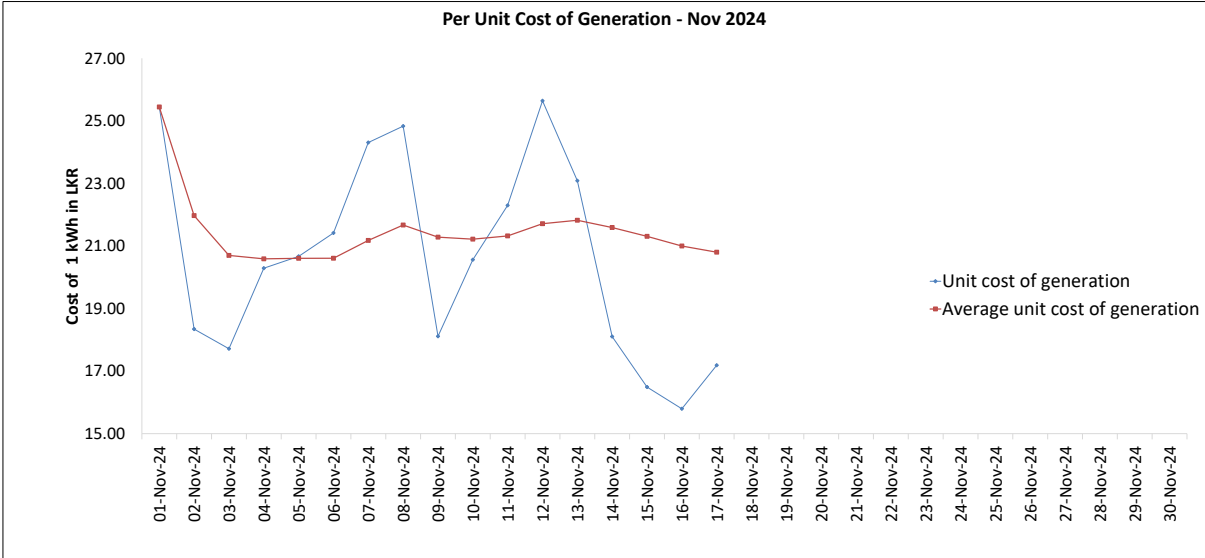
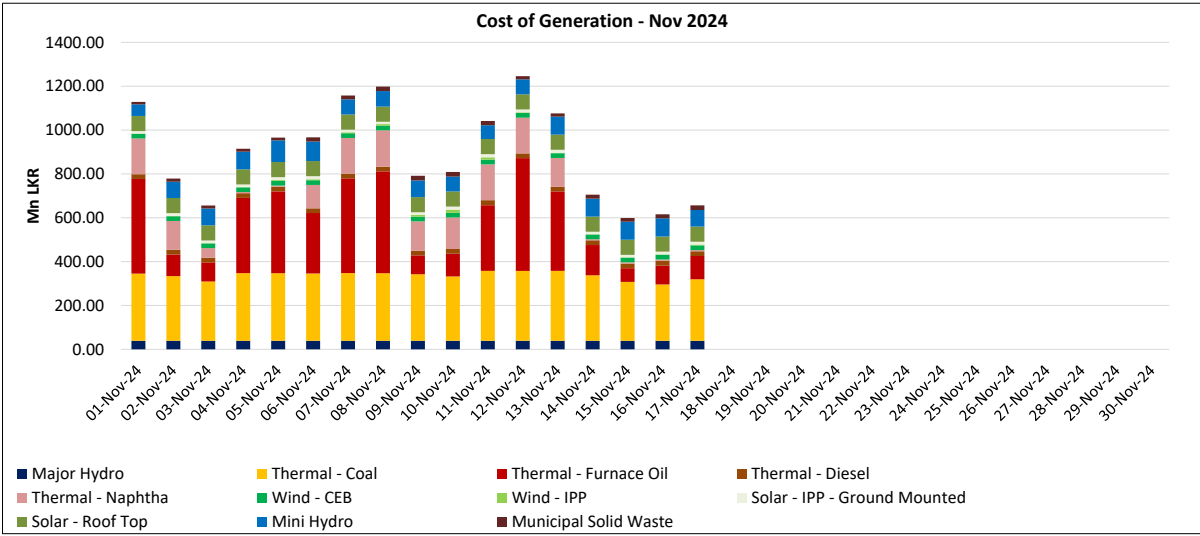
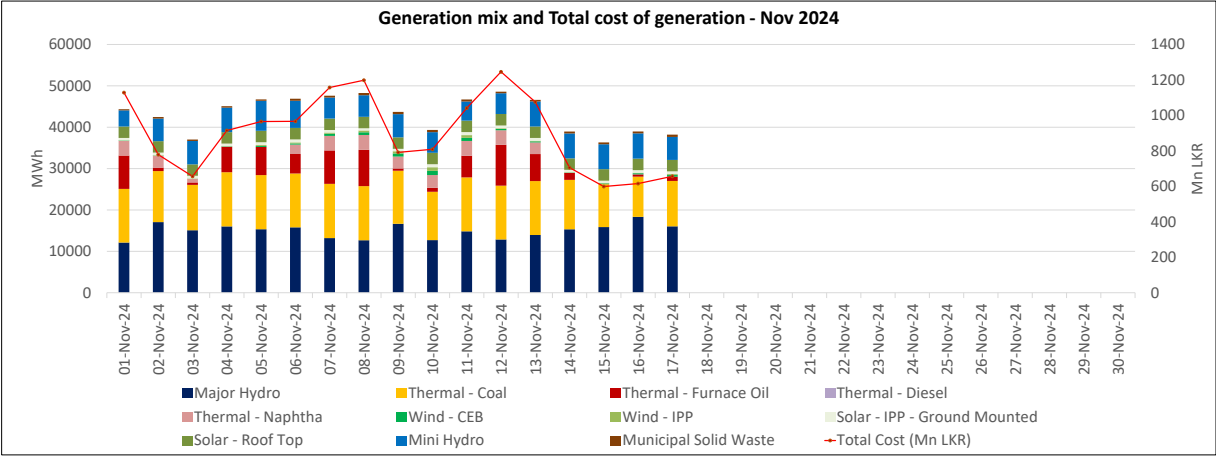
511 Mn LKR

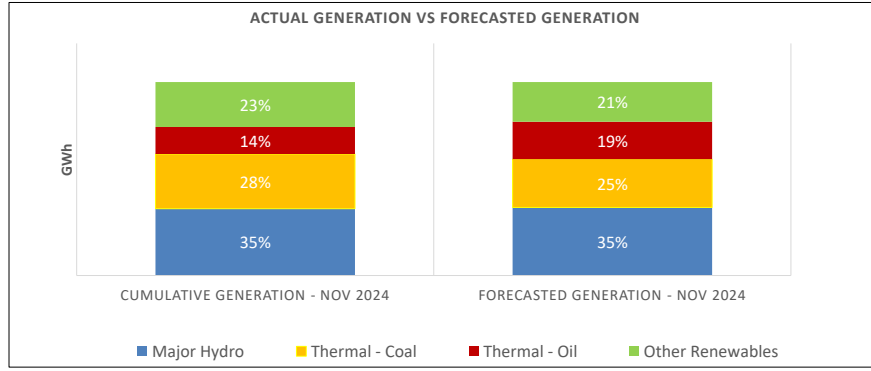
Actual Generation Mix - 17th Nov 2024 (Excluding generation from non telemetered power plants)

Plant Type	Generation (GWh)	Percentage
Major Hydro	16.0	46%
Thermal - Coal	11.0	31%
Thermal - Furnace Oil	1.0	3%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	0.0	0%
Wind - CEB	0.4	1%
Wind - IPP	0.2	1%
BMP	0.5	1.6%
Solar	0.7	2%
Mini Hydro	5.2	15%
Total	35.12	

Estimated Generation Cost for the Actual Dispatch (Excluding non telemetered NCRE plants)

583 Mn LKR





	Cumulative Generation - Nov 2024 [GWh]	Forecasted Generation - Nov 2024 [GWh]
Major Hydro	254	478
Thermal - Coal	208	338
Thermal - Oil	103	263
Other Renewables	171	278
Total	736	1357

Forecasted Generation - SDDP Oct 2024

Estimated Cost of Generation - Nov 2024 (Mn LKR)

Major Hydro	664 Mn LKR
Thermal - Coal	5,070 Mn LKR
Thermal - Furnace Oil	4,263 Mn LKR
Thermal - Diesel	368 Mn LKR
Thermal - Naphtha	1,539 Mn LKR
Wind - CEB	367 Mn LKR
Wind - IPP	72 Mn LKR
Solar - IPP - Ground Mounted	212 Mn LKR
Solar - Roof Top	1,173 Mn LKR
Mini Hydro	1,292 Mn LKR
Municipal Solid Waste	287 Mn LKR
Total Generation Cost	15,307 Mn LKR

Generation Energy Cost (Nov)	11,427 Mn LKR
*Generation Capacity Cost (Nov)	3,097 Mn LKR
Other Cost (Nov)	706 Mn LKR
Average Unit Cost of Generation (Nov)	20.80 LKR/kWh

Note -

* Capacity cost is based on the approved BST submission.