



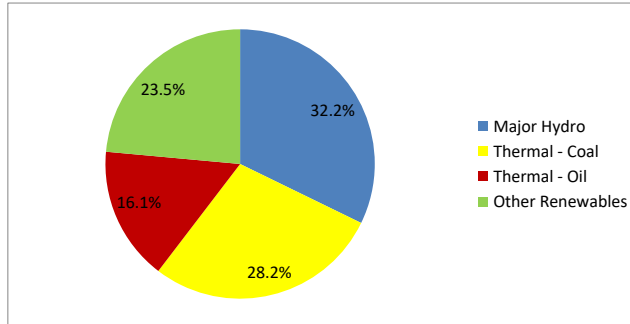
Daily Electricity Generation & Cost Estimation Report

19th November 2024



Daily Generation Mix -19th Nov 2024

Plant Type	Generation (GWh)	Percentage
Major Hydro	14.98	32.2%
Thermal - Coal	13.10	28.2%
Thermal - Furnace Oil	3.78	8.1%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	3.69	7.9%
Wind - CEB	0.94	2.0%
Wind - IPP	0.57	1.2%
Solar - IPP - Ground Mounted	0.60	1.3%
Solar - Roof Top	2.77	6.0%
Mini Hydro	5.59	12.0%
Municipal Solid Waste	0.48	1.0%
Total	46.51	



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

Estimated Generation Cost : 19th 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	2.61	2.61
Thermal - Coal	245.5	28.4	46.3	320.3	18.74	2.16	3.54	24.44
Thermal - Furnace Oil	169.6	9.7	51.9	231.3	44.88	2.56	13.74	61.18
Thermal - Diesel	0.0	1.5	20.0	21.5	0.00	0.00	0.00	0.00
Thermal - Naphtha	165.1	2.0	3.3	170.4	44.74	0.54	0.89	46.17
Wind - CEB	0.0	0.0	21.6	21.6	0.00	0.00	22.86	22.86
Wind - IPP	9.3	0.0	0.0	9.3	16.15	0.00	0.00	16.15
Solar - IPP - Ground Mounted	11.7	0.0	0.0	11.7	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	76.0	0.0	0.0	76.0	13.59	0.00	0.00	13.59
Municipal Solid Waste	18.8	0.0	0.0	18.8	39.00	0.00	0.00	39.00
Total	765.0	41.5	182.2	988.7	16.45	0.89	3.92	21.26

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 : **21.26 LKR/kWh**
 Total Generation Cost for the day : **988.68 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 - 19th Nov 2024 (Excluding generation from non telemetered power plants)

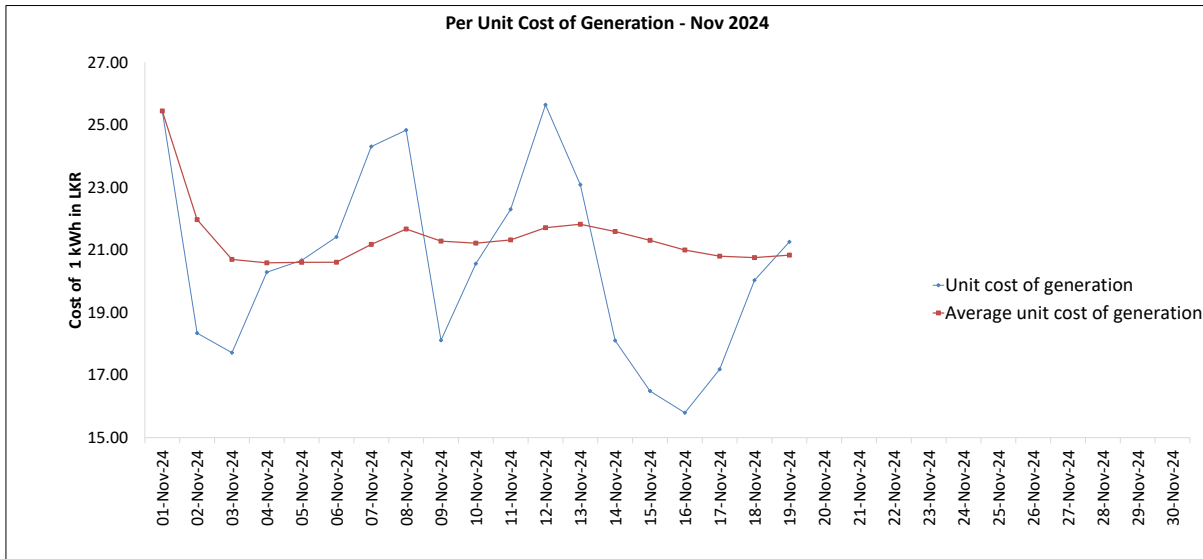
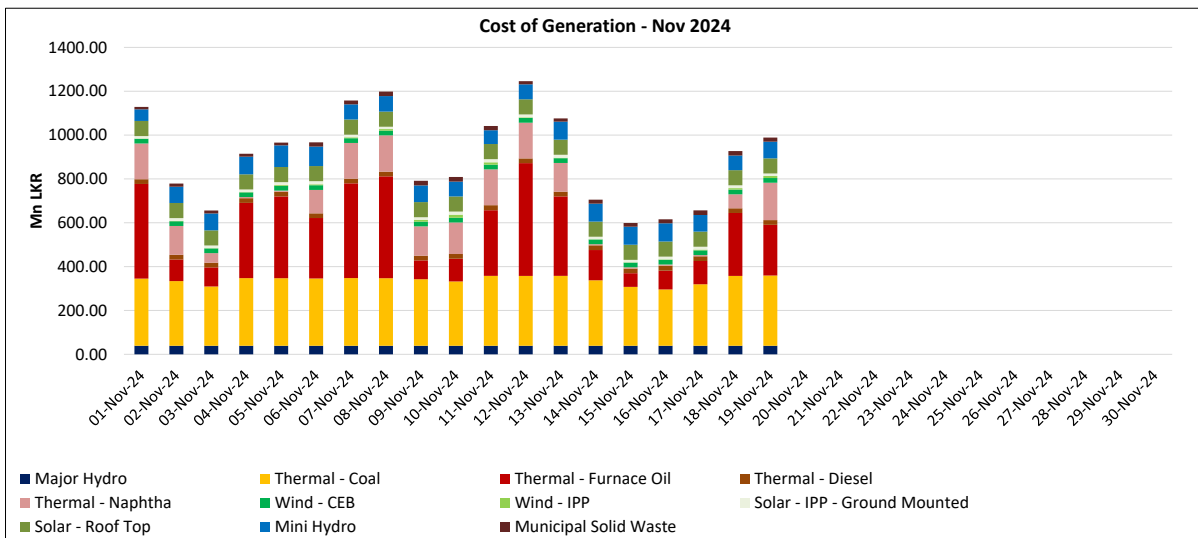
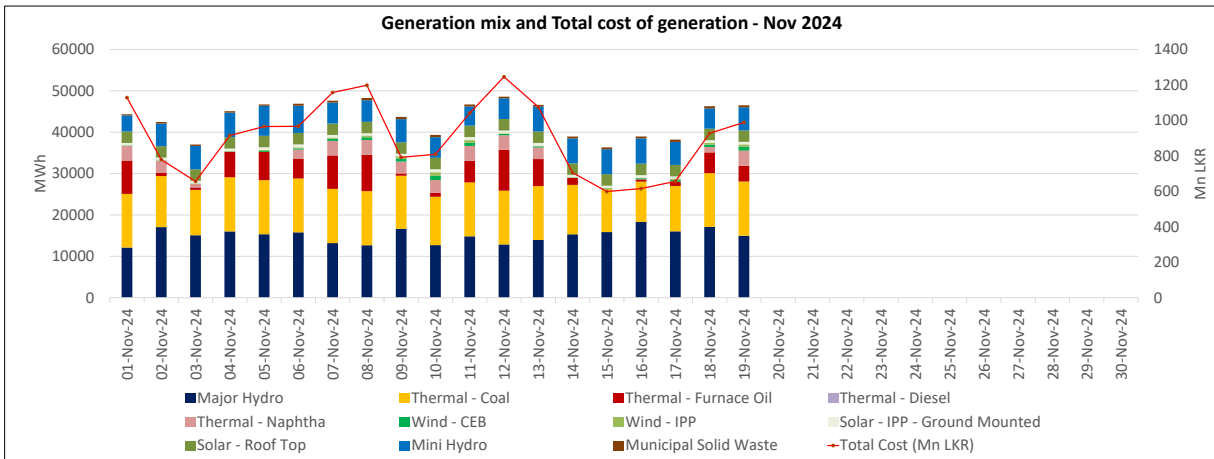
Plant Type	Generation (GWh)	Percentage
Major Hydro	16.5	36%
Thermal - Coal	13.0	28%
Thermal - Furnace Oil	5.5	12%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	3.6	8%
Wind - CEB	0.7	2%
Wind - IPP		
BMP	0.5	1%
Solar	0.5	1%
Mini Hydro	5.2	11%
Total	45.61	

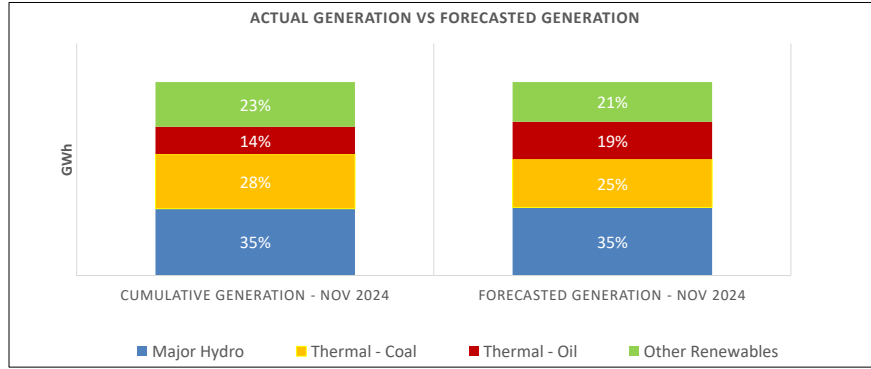
Estimated Generation Cost for the Scheduled Dispatch (Excluding non telemetered NCRE plants) **983 Mn LKR**

Actual Generation Mix - 19th Nov 2024 (Excluding generation from non telemetered power plants)

Plant Type	Generation (GWh)	Percentage
Major Hydro	15.0	35%
Thermal - Coal	13.1	30%
Thermal - Furnace Oil	3.8	9%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	3.7	9%
Wind - CEB	0.9	2%
Wind - IPP	0.6	1%
BMP	0.5	1.1%
Solar	0.6	1%
Mini Hydro	4.9	11%
Total	43.06	

Estimated Generation Cost for the Actual Dispatch (Excluding non telemetered NCRE plants) **910 Mn LKR**





	Cumulative Generation - Nov 2024 [GWh]	Forecasted Generation - Nov 2024 [GWh]
Major Hydro	286	478
Thermal - Coal	234	338
Thermal - Oil	117	263
Other Renewables	192	278
Total	829	1357

Forecasted Generation - SDDP Oct 2024

Estimated Cost of Generation - Nov 2024 (Mn LKR)

Major Hydro	742	Mn LKR
Thermal - Coal	5,708	Mn LKR
Thermal - Furnace Oil	4,782	Mn LKR
Thermal - Diesel	411	Mn LKR
Thermal - Naphtha	1,773	Mn LKR
Wind - CEB	410	Mn LKR
Wind - IPP	88	Mn LKR
Solar - IPP - Ground Mounted	237	Mn LKR
Solar - Roof Top	1,311	Mn LKR
Mini Hydro	1,435	Mn LKR
Municipal Solid Waste	326	Mn LKR
Total Generation Cost	17,223	Mn LKR

Generation Energy Cost (Nov)	12,895	Mn LKR
*Generation Capacity Cost (Nov)	3,461	Mn LKR
Other Cost (Nov)	789	Mn LKR
Average Unit Cost of Generation (Nov)	20.78	LKR/kWh

Note -

* Capacity cost is based on the approved BST submission.