



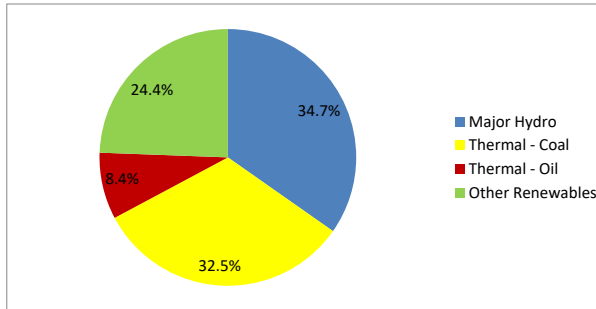
Daily Electricity Generation & Cost Estimation Report

13th January 2025



Daily Generation Mix - 13th January 2025

Plant Type	Generation (GWh)	Percentage
Major Hydro	12.86	34.7%
Thermal - Coal	12.02	32.5%
Thermal - Furnace Oil	0.34	0.9%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	2.77	7.5%
Wind - CEB	0.74	2.0%
Wind - IPP	0.71	1.9%
Solar - IPP - Ground Mounted	0.57	1.5%
Solar - Roof Top	2.91	7.9%
Mini Hydro	3.78	10.2%
Municipal Solid Waste	0.34	0.9%
Total	37.04	



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

Estimated Generation Cost : 13th January 2025

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	38.2	38.2	0.00	0.00	2.97	2.97
Thermal - Coal	235.2	27.5	45.0	307.7	19.57	2.28	3.75	25.60
Thermal - Furnace Oil	14.8	9.4	51.7	75.9	43.46	27.50	151.55	222.51
Thermal - Diesel	0.0	1.5	19.8	21.2	0.00	0.00	0.00	0.00
Thermal - Naphtha	123.8	1.9	3.3	129.0	44.74	0.69	1.18	46.61
Wind - CEB	0.0	0.0	20.9	20.9	0.00	0.00	28.21	28.21
Wind - IPP	11.0	0.0	0.0	11.0	15.54	0.00	0.00	15.54
Solar - IPP - Ground Mounted	11.1	0.0	0.0	11.1	19.47	0.00	0.00	19.47
Solar - Roof Top	77.0	0.0	0.0	77.0	26.47	0.00	0.00	26.47
Mini Hydro	52.0	0.0	0.0	52.0	13.76	0.00	0.00	13.76
Municipal Solid Waste	13.2	0.0	0.0	13.2	39.48	0.00	0.00	39.48
Total	538.2	40.2	178.8	757.2	14.53	1.09	4.83	20.44

Note -

Start/Stop costs has been excluded in the calculation

Capacity cost is based on the approved BST submission 2024 (December figures)

Unit Cost of Generation for the day : **20.44 LKR/kWh**
 Total Generation Cost for the day: **757.18 Mn LKR**

Fuel Prices

(as at 6th Jan 2025)

	Price (LKR/Liter or LKR/kg)
Furnace	199.00
Coal	47.66
Naphtha	166.00
Auto Diesel	286.00

Scheduled (Day Ahead) Generation Mix - 13th Jan 2025 (Excluding generation from non telemetered power plants)

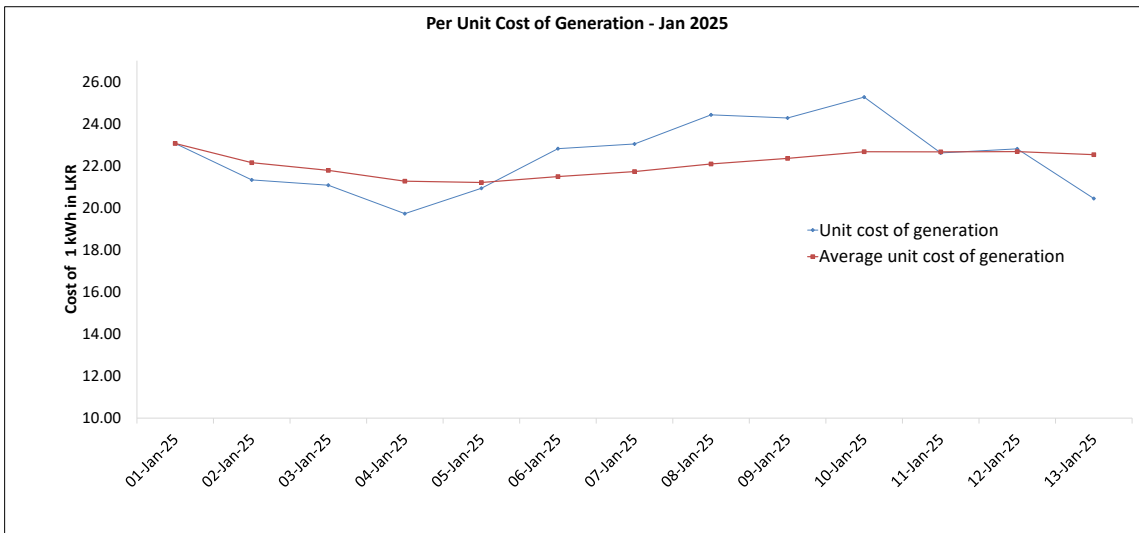
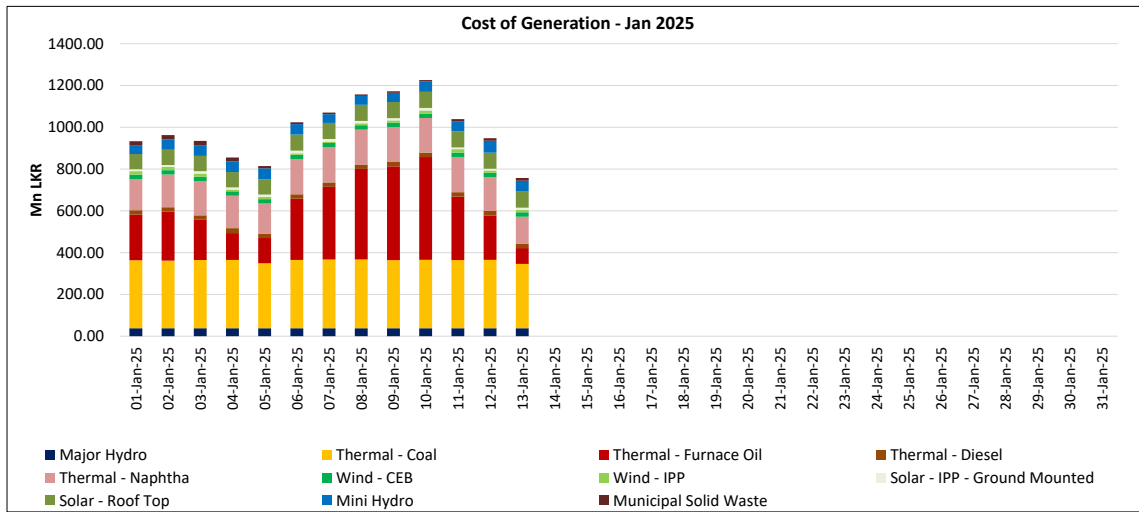
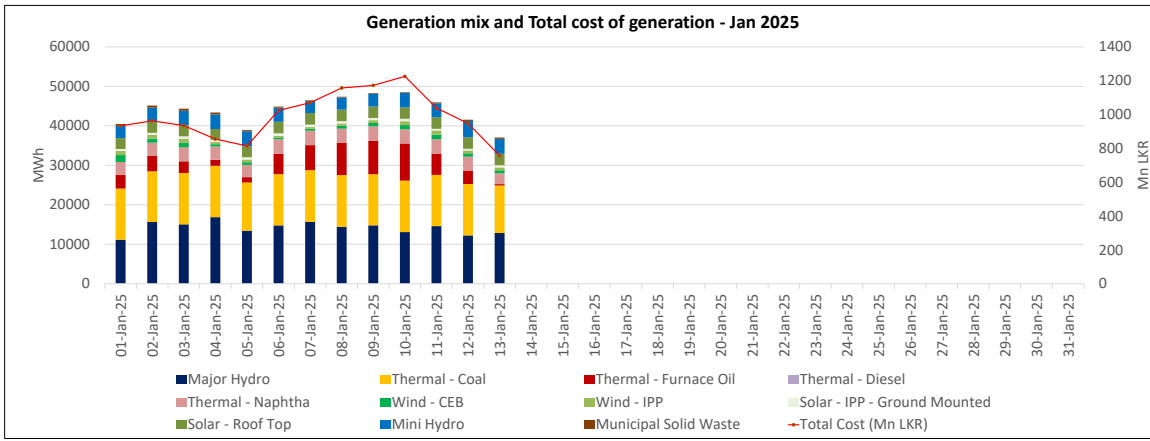
Plant Type	Generation (GWh)	Percentage
Major Hydro	14.6	39%
Thermal - Coal	13.0	35%
Thermal - Furnace Oil	0.1	0%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	3.6	10%
Wind - CEB		
Wind - IPP	1.3	3%
BMP	0.2	1%
Solar	0.2	1%
Mini Hydro	4.3	12%
Total	37.33	

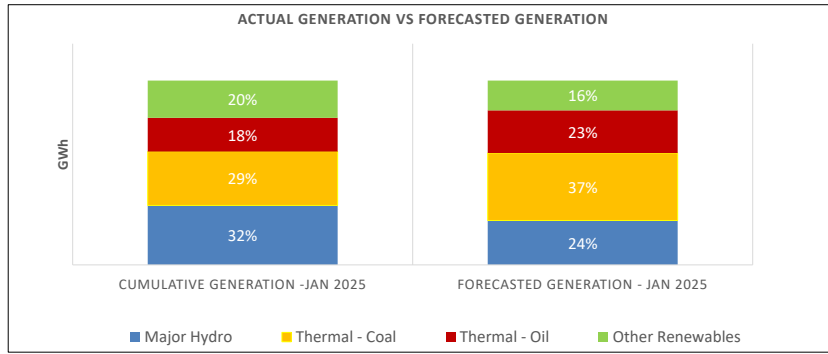
Actual Generation Mix - 13th Jan 2025 (Excluding generation from non telemetered power plants)

Plant Type	Generation (GWh)	Percentage
Major Hydro	12.9	38%
Thermal - Coal	12.0	35%
Thermal - Furnace Oil	0.3	1%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	2.8	8%
Wind - CEB	0.7	2%
Wind - IPP	0.7	2%
BMP	0.3	1.0%
Solar	0.6	2%
Mini Hydro	3.6	11%
Total	33.91	

Estimated Generation Cost for the Scheduled Dispatch (Excluding non telemetered NCRE plants) **723 Mn LKR**

Estimated Generation Cost for the Actual Dispatch (Excluding non telemetered NCRE plants) **677 Mn LKR**





	Cumulative Generation -Jan 2025	Forecasted Generation - Jan 2025
Major Hydro	185	341
Thermal - Coal	167	519
Thermal - Oil	105	328
Other Renewables	116	229
Total	572	1,417

Forecasted Generation - SDDP Dec 2024

Estimated Cost of Generation - Jan 2025 (Mn LKR)

Major Hydro	497 Mn LKR
Thermal - Coal	4,212 Mn LKR
Thermal - Furnace Oil	3,501 Mn LKR
Thermal - Diesel	278 Mn LKR
Thermal - Naphtha	2,065 Mn LKR
Wind - CEB	271 Mn LKR
Wind - IPP	154 Mn LKR
Solar - IPP - Ground Mounted	140 Mn LKR
Solar - Roof Top	981 Mn LKR
Mini Hydro	633 Mn LKR
Municipal Solid Waste	162 Mn LKR
Total Generation Cost	12,893 Mn LKR

Generation Energy Cost (Jan) 10,046 Mn LKR

*Generation Capacity Cost (Jan) 2,325 Mn LKR

Other Cost (Jan) 523 Mn LKR

Average Unit Cost of Generation (Jan) 22.53 LKR/kWh

Note -

* Capacity cost is based on the approved BST submission.