



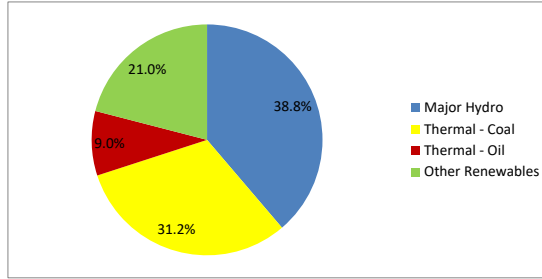
Daily Electricity Generation & Cost Estimation Report

14th January 2025



Daily Generation Mix - 14th January 2025

Plant Type	Generation (GWh)	Percentage
Major Hydro	16.09	38.8%
Thermal - Coal	12.98	31.2%
Thermal - Furnace Oil	0.44	1.1%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	3.30	8.0%
Wind - CEB	0.65	1.6%
Wind - IPP	0.84	2.0%
Solar - IPP - Ground Mounted	0.36	0.9%
Solar - Roof Top	2.91	7.0%
Mini Hydro	3.71	8.9%
Municipal Solid Waste	0.25	0.6%
Total	41.52	



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

Estimated Generation Cost : 14th 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	2.37	2.37
Thermal - Coal	253.9	27.5	45.0	326.4	19.57	2.12	3.47	25.15
Thermal - Furnace Oil	19.3	9.4	51.7	80.4	43.49	21.12	116.39	181.00
Thermal - Diesel	0.0	1.5	19.8	21.2	0.00	0.00	0.00	0.00
Thermal - Naphtha	147.8	1.9	3.3	153.0	44.74	0.58	0.99	46.31
Wind - CEB	0.0	0.0	20.9	20.9	0.00	0.00	32.32	32.32
Wind - IPP	13.1	0.0	0.0	13.1	15.54	0.00	0.00	15.54
Solar - IPP - Ground Mounted	6.9	0.0	0.0	6.9	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	51.0	0.0	0.0	51.0	13.76	0.00	0.00	13.76
Municipal Solid Waste	9.7	0.0	0.0	9.7	39.48	0.00	0.00	39.48
Total	578.7	40.2	178.8	797.7	13.94	0.97	4.31	19.21

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 :

19.21 LKR/kWh

Total Generation Cost for the day:

797.72 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 - 14th Jan 2025 (Excluding generation from non telemetered power plants)

Plant Type	Generation (GWh)	Percentage
Major Hydro	14.7	43%
Thermal - Coal	10.5	31%
Thermal - Furnace Oil	0.0	0%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	2.4	7%
Wind - CEB	1.3	4%
Wind - IPP		
BMP	0.3	1%
Solar	0.1	0%
Mini Hydro	4.7	14%
Total	34.01	

Actual Generation Mix - 14th Jan 2025 (Excluding generation from non telemetered power plants)

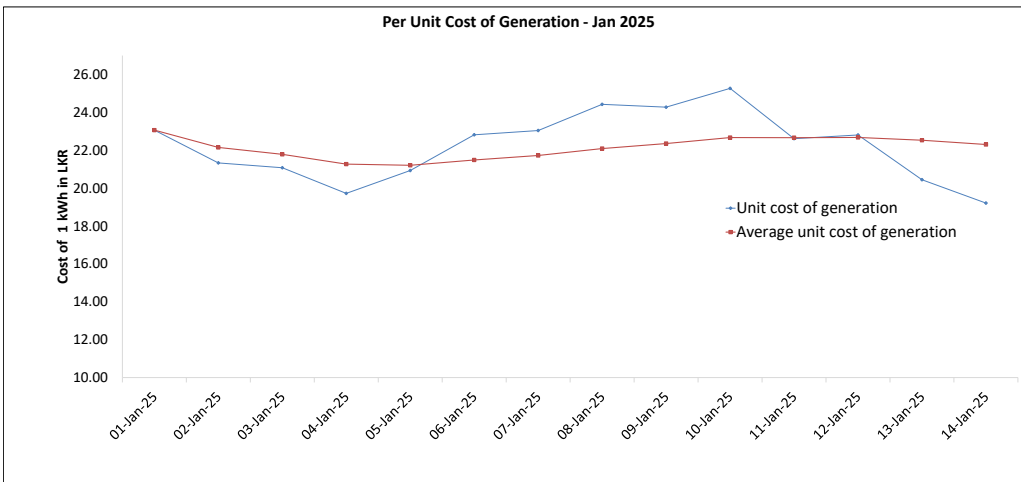
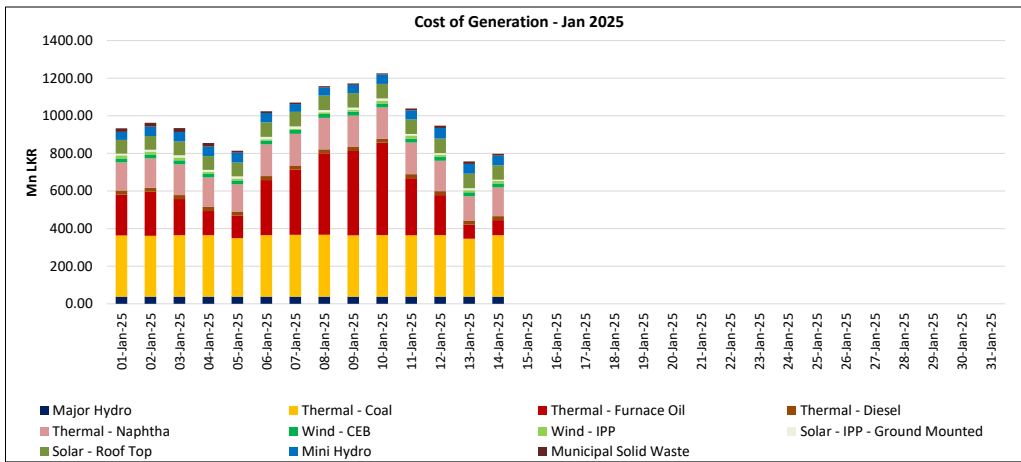
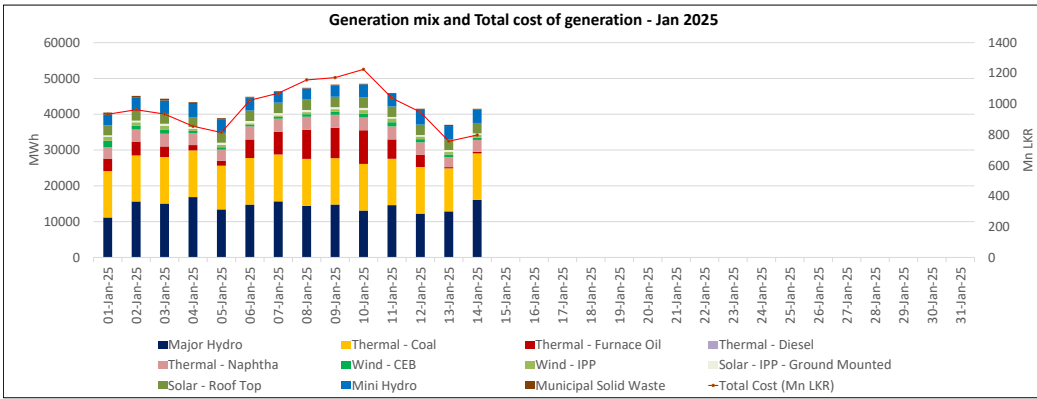
Plant Type	Generation (GWh)	Percentage
Major Hydro	16.1	42%
Thermal - Coal	13.0	34%
Thermal - Furnace Oil	0.4	1%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	3.3	9%
Wind - CEB	0.6	2%
Wind - IPP	0.8	2%
BMP	0.2	0.6%
Solar	0.4	1%
Mini Hydro	3.5	9%
Total	38.40	

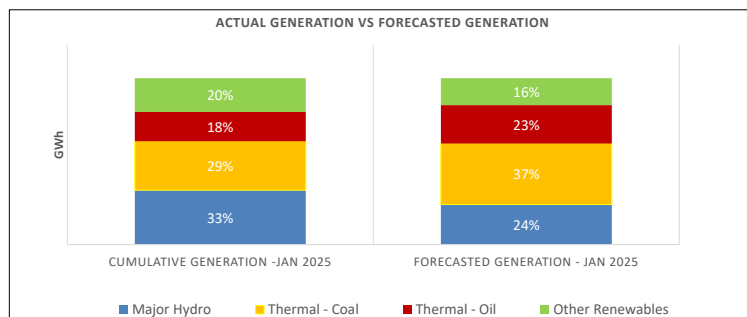
Estimated Generation Cost for the Scheduled Dispatch (Excluding non telemetered NCRE plants)

622 Mn LKR

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

718 Mn LKR





	Cumulative Generation - Jan 2025	Forecasted Generation - Jan 2025
Major Hydro	201	341
Thermal - Coal	180	519
Thermal - Oil	108	328
Other Renewables	125	229
Total	614	1,417

Forecasted Generation - SDOP Dec 2024

Estimated Cost of Generation - Jan 2025 (Mn LKR)

Major Hydro	535 Mn LKR
Thermal - Coal	4,538 Mn LKR
Thermal - Furnace Oil	3,581 Mn LKR
Thermal - Diesel	299 Mn LKR
Thermal - Naphtha	2,218 Mn LKR
Wind - CEB	292 Mn LKR
Wind - IPP	167 Mn LKR
Solar - IPP - Ground Mounted	146 Mn LKR
Solar - Roof Top	1,058 Mn LKR
Mini Hydro	684 Mn LKR
Municipal Solid Waste	172 Mn LKR
Total Generation Cost	13,691 Mn LKR

Generation Energy Cost (Jan) 10,624 Mn LKR

*Generation Capacity Cost (Jan) 2,503 Mn LKR

Other Cost (Jan) 563 Mn LKR

Average Unit Cost of Generation (Jan) 22.31 LKR/kWh

Note -

* Capacity cost is based on the approved BST submission.