



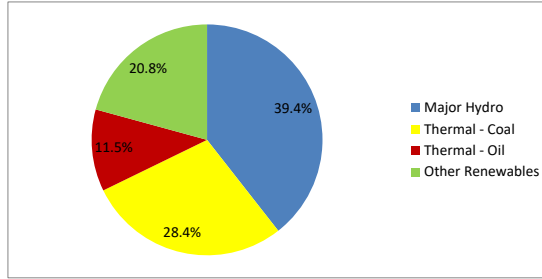
Daily Electricity Generation & Cost Estimation Report

15th January 2025



Daily Generation Mix - 15th January 2025

Plant Type	Generation (GWh)	Percentage
Major Hydro	17.93	39.4%
Thermal - Coal	12.90	28.4%
Thermal - Furnace Oil	2.08	4.6%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	3.14	6.9%
Wind - CEB	1.12	2.5%
Wind - IPP	0.94	2.1%
Solar - IPP - Ground Mounted	0.49	1.1%
Solar - Roof Top	2.91	6.4%
Mini Hydro	3.68	8.1%
Municipal Solid Waste	0.30	0.7%
Total	45.49	



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

Estimated Generation Cost : 15th 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	2.13	2.13
Thermal - Coal	252.4	27.5	45.0	324.9	19.57	2.13	3.49	25.19
Thermal - Furnace Oil	92.3	9.4	51.7	153.3	44.43	4.52	24.88	73.83
Thermal - Diesel	0.0	1.5	19.8	21.2	0.00	0.00	0.00	0.00
Thermal - Naphtha	140.3	1.9	3.3	145.5	44.74	0.61	1.04	46.39
Wind - CEB	0.0	0.0	20.9	20.9	0.00	0.00	18.67	18.67
Wind - IPP	14.5	0.0	0.0	14.5	15.54	0.00	0.00	15.54
Solar - IPP - Ground Mounted	9.6	0.0	0.0	9.6	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	50.6	0.0	0.0	50.6	13.76	0.00	0.00	13.76
Municipal Solid Waste	12.0	0.0	0.0	12.0	39.48	0.00	0.00	39.48
Total	648.8	40.2	178.8	867.9	14.26	0.88	3.93	19.08

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 :

19.08 LKR/kWh

Total Generation Cost for the day:

867.86 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 - 15th Jan 2025 (Excluding generation from non telemetered power plants)

Plant Type	Generation (GWh)	Percentage
Major Hydro	17.6	43%
Thermal - Coal	12.7	31%
Thermal - Furnace Oil	1.6	4%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	3.3	8%
Wind - CEB	1.1	3%
Wind - IPP		
BMP	0.3	1%
Solar	0.2	1%
Mini Hydro	3.9	10%
Total	40.84	

Actual Generation Mix - 15th Jan 2025 (Excluding generation from non telemetered power plants)

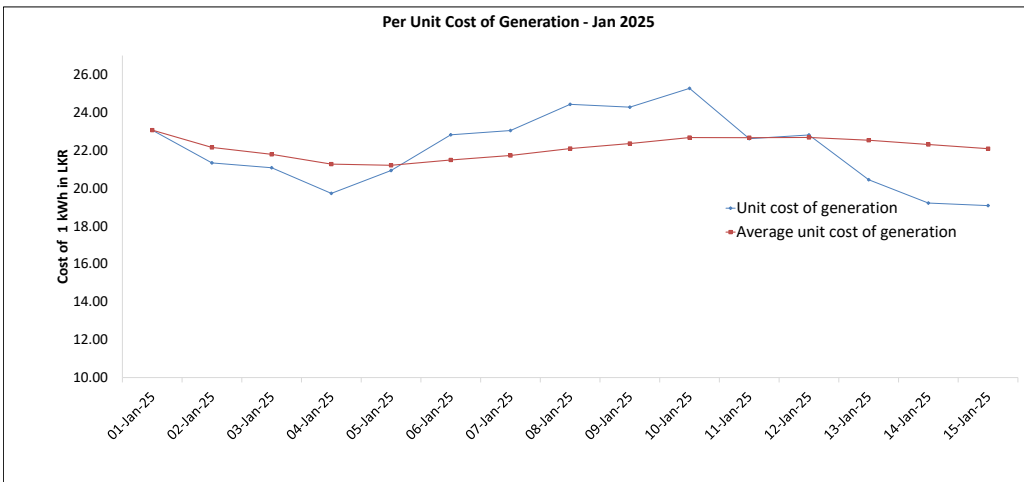
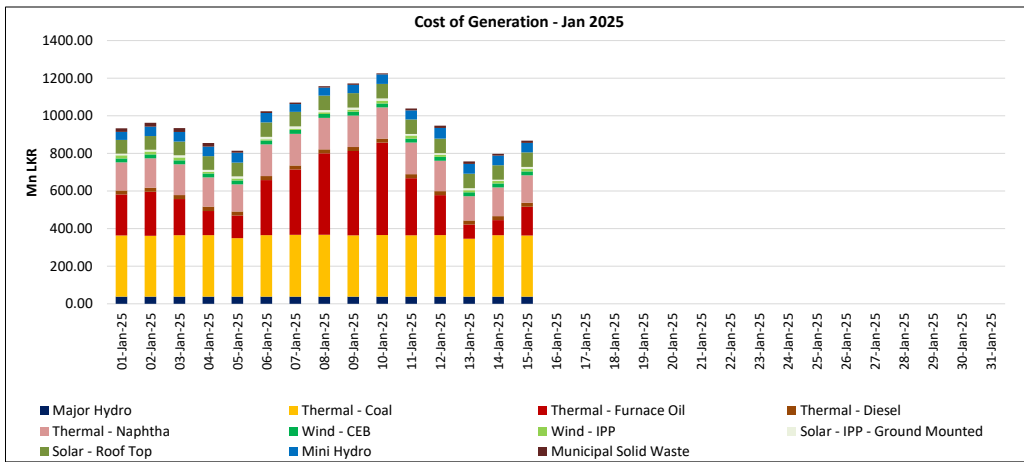
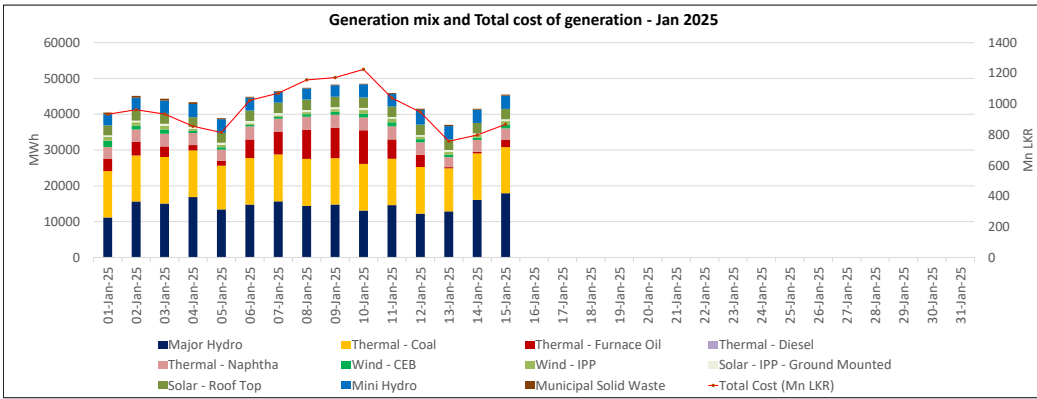
Plant Type	Generation (GWh)	Percentage
Major Hydro	17.9	42%
Thermal - Coal	12.9	30%
Thermal - Furnace Oil	2.1	5%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	3.1	7%
Wind - CEB	1.1	3%
Wind - IPP	0.9	2%
BMP	0.3	0.7%
Solar	0.5	1%
Mini Hydro	3.5	8%
Total	42.37	

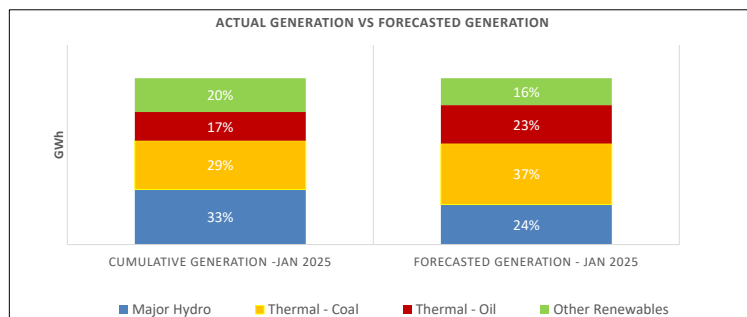
Estimated Generation Cost for the Scheduled Dispatch (Excluding non telemetered NCRE plants)

769 Mn LKR

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

788 Mn LKR





	Cumulative Generation - Jan 2025	Forecasted Generation - Jan 2025
Major Hydro	219	341
Thermal - Coal	193	519
Thermal - Oil	114	328
Other Renewables	134	229
Total	659	1,417

Forecasted Generation - SDOP Dec 2024

Estimated Cost of Generation - Jan 2025 (Mn LKR)

Major Hydro	573 Mn LKR
Thermal - Coal	4,863 Mn LKR
Thermal - Furnace Oil	3,735 Mn LKR
Thermal - Diesel	320 Mn LKR
Thermal - Naphtha	2,363 Mn LKR
Wind - CEB	313 Mn LKR
Wind - IPP	181 Mn LKR
Solar - IPP - Ground Mounted	156 Mn LKR
Solar - Roof Top	1,135 Mn LKR
Mini Hydro	735 Mn LKR
Municipal Solid Waste	184 Mn LKR
Total Generation Cost	14,558 Mn LKR

Generation Energy Cost (Jan)	11,273 Mn LKR
*Generation Capacity Cost (Jan)	2,682 Mn LKR
Other Cost (Jan)	603 Mn LKR
Average Unit Cost of Generation (Jan)	22.08 LKR/kWh

Note -

* Capacity cost is based on the approved BST submission.