



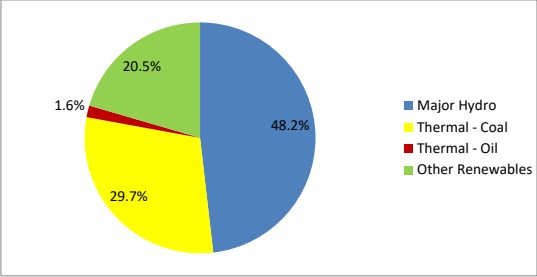
Daily Electricity Generation & Cost Estimation Report

19th January 2025



Daily Generation Mix - 19th January 2025

Plant Type	Generation (GWh)	Percentage
Major Hydro	19.95	48.2%
Thermal - Coal	12.30	29.7%
Thermal - Furnace Oil	0.63	1.5%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	0.05	0.1%
Wind - CEB	0.28	0.7%
Wind - IPP	0.40	1.0%
Solar - IPP - Ground Mounted	0.42	1.0%
Solar - Roof Top	2.91	7.0%
Mini Hydro	4.13	10.0%
Municipal Solid Waste	0.35	0.8%
Total	41.42	



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 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	34.1	34.1	0.00	0.00	1.71	1.71
Thermal - Coal	240.7	10.6	34.9	286.2	19.57	0.86	2.83	23.26
Thermal - Furnace Oil	28.6	7.7	49.4	85.6	45.46	12.19	78.73	136.38
Thermal - Diesel	0.0	1.6	7.5	9.1	0.00	0.00	0.00	0.00
Thermal - Naphtha	2.2	1.0	3.3	6.5	44.74	20.39	67.63	132.75
Wind - CEB	0.0	0.0	17.8	17.8	0.00	0.00	64.48	64.48
Wind - IPP	6.2	0.0	0.0	6.2	15.54	0.00	0.00	15.54
Solar - IPP - Ground Mounted	8.2	0.0	0.0	8.2	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	56.8	0.0	0.0	56.8	13.76	0.00	0.00	13.76
Municipal Solid Waste	13.9	0.0	0.0	13.9	39.48	0.00	0.00	39.48
Total	433.6	20.8	147.1	601.4	10.47	0.50	3.55	14.52

Note -

Start/Stop costs has been excluded in the calculation

Capacity cost is based on the approved BST submission 2025

Unit Cost of Generation for the day : 14.52 LKR/kWh
Total Generation Cost for the day: 601.43 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 - 19th Jan 2025 (Excluding generation from non telemetered power plants)

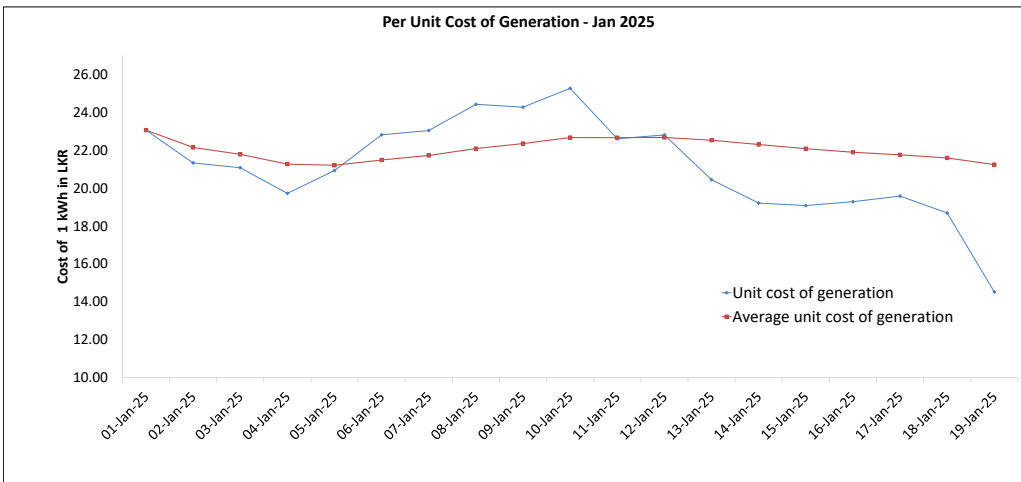
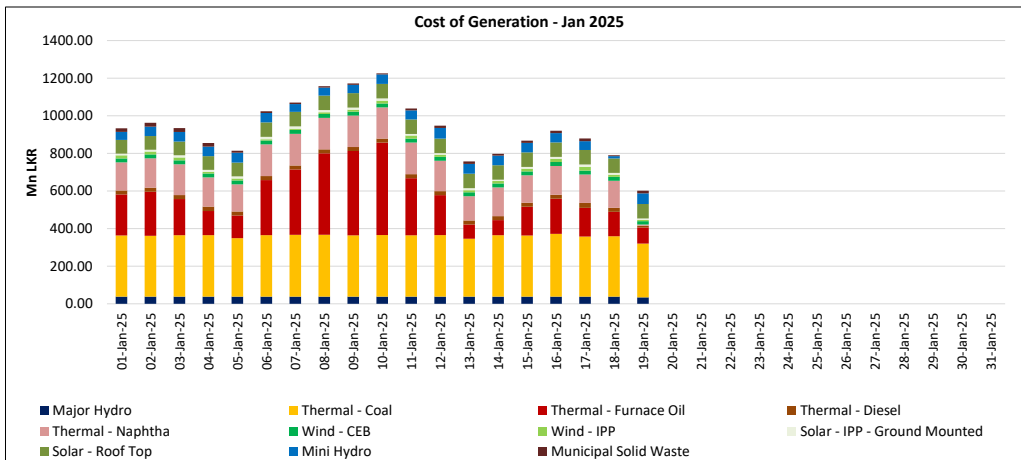
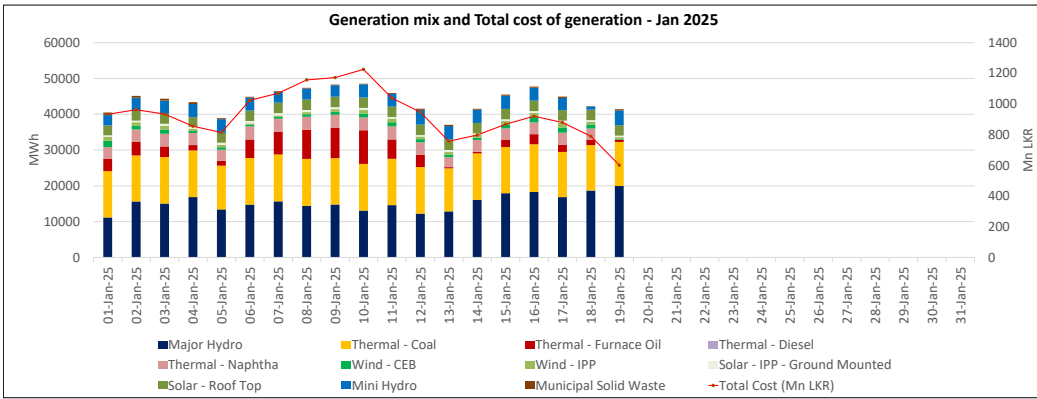
Plant Type	Generation (GWh)	Percentage
Major Hydro	17.5	47%
Thermal - Coal	10.8	29%
Thermal - Furnace Oil	0.2	0%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	2.5	7%
Wind - CEB	2.1	6%
Wind - IPP		
BMP	0.3	1%
Solar	0.3	1%
Mini Hydro	3.5	10%
Total	37.24	

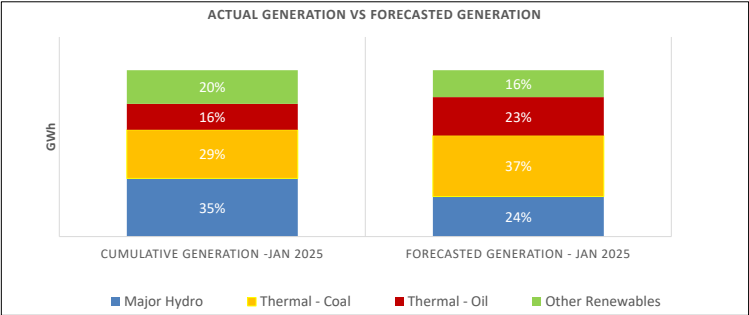
Estimated Generation Cost for the Scheduled Dispatch (Excluding non telemetered NCRE plants) 582 Mn LKR

Actual Generation Mix - 19th Jan 2025 (Excluding generation from non telemetered power plants)

Plant Type	Generation (GWh)	Percentage
Major Hydro	20.0	52%
Thermal - Coal	12.3	32%
Thermal - Furnace Oil	0.6	2%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	0.0	0%
Wind - CEB	0.3	1%
Wind - IPP	0.4	1%
BMP	0.4	0.9%
Solar	0.4	1%
Mini Hydro	3.9	10%
Total	38.27	

Estimated Generation Cost for the Actual Dispatch (Excluding non telemetered NCRE plants) 521 Mn LKR





	Cumulative Generation - Jan 2025	Forecasted Generation - Jan 2025
Major Hydro	292	341
Thermal - Coal	244	519
Thermal - Oil	130	328
Other Renewables	169	229
Total	836	1,417

Forecasted Generation - SDDP Dec 2024

Estimated Cost of Generation - Jan 2025 (Mn LKR)

Major Hydro	722	Mn LKR
Thermal - Coal	6,124	Mn LKR
Thermal - Furnace Oil	4,290	Mn LKR
Thermal - Diesel	398	Mn LKR
Thermal - Naphtha	2,818	Mn LKR
Wind - CEB	394	Mn LKR
Wind - IPP	236	Mn LKR
Solar - IPP - Ground Mounted	196	Mn LKR
Solar - Roof Top	1,443	Mn LKR
Mini Hydro	900	Mn LKR
Municipal Solid Waste	229	Mn LKR
Total Generation Cost	17,750	Mn LKR

Generation Energy Cost (Jan)	13,640	Mn LKR
*Generation Capacity Cost (Jan)	3,366	Mn LKR
Other Cost (Jan)	744	Mn LKR
Average Unit Cost of Generation (Jan)	21.24	LKR/kWh

Note -
* Capacity cost is based on the approved BST submission.