



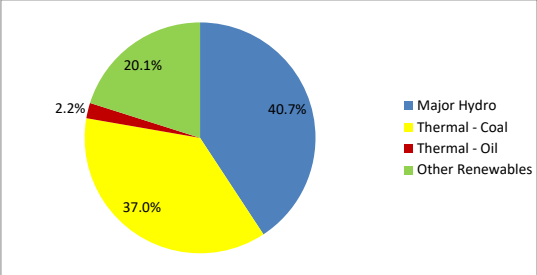
Daily Electricity Generation & Cost Estimation Report

27-Jan-25



Daily Generation Mix - 27th January 2025

Plant Type	Generation (GWh)	Percentage
Major Hydro	18.83	40.7%
Thermal - Coal	17.09	37.0%
Thermal - Furnace Oil	0.96	2.1%
Thermal - Diesel	0.03	0.1%
Thermal - Naphtha	0.00	0.0%
Wind - CEB	0.57	1.2%
Wind - IPP	0.75	1.6%
Solar - IPP - Ground Mounted	0.62	1.3%
Solar - Roof Top	3.27	7.1%
Mini Hydro	3.64	7.9%
Municipal Solid Waste	0.43	0.9%
Total	46.22	



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

Estimated Generation Cost : 27th 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	1.81	1.81
Thermal - Coal	334.4	10.6	34.9	379.9	19.57	0.62	2.04	22.23
Thermal - Furnace Oil	44.4	7.7	49.4	101.5	46.07	7.94	51.29	105.30
Thermal - Diesel	2.9	1.6	7.5	12.0	88.98	47.88	227.46	364.31
Thermal - Naphtha	0.0	1.0	3.3	4.3	0.00	0.00	0.00	0.00
Wind - CEB	0.0	0.0	17.8	17.8	0.00	0.00	31.06	31.06
Wind - IPP	11.7	0.0	0.0	11.7	15.54	0.00	0.00	15.54
Solar - IPP - Ground Mounted	12.1	0.0	0.0	12.1	19.47	0.00	0.00	19.47
Solar - Roof Top	86.6	0.0	0.0	86.6	26.47	0.00	0.00	26.47
Mini Hydro	50.1	0.0	0.0	50.1	13.76	0.00	0.00	13.76
Municipal Solid Waste	17.1	0.0	0.0	17.1	39.48	0.00	0.00	39.48
Total	559.4	20.8	147.1	727.3	12.10	0.45	3.18	15.74

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 : 15.74 LKR/kWh
Total Generation Cost for the day: 727.28 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 - 27th Jan 2025 (Excluding generation from non telemetered power plants)

Plant Type	Generation (GWh)	Percentage
Major Hydro	19.9	47%
Thermal - Coal	16.7	40%
Thermal - Furnace Oil	0.9	2%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	0.0	0%
Wind - CEB	1.1	3%
Wind - IPP		
BMP	0.4	1%
Solar	0.5	1%
Mini Hydro	2.5	6%
Total	41.90	

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

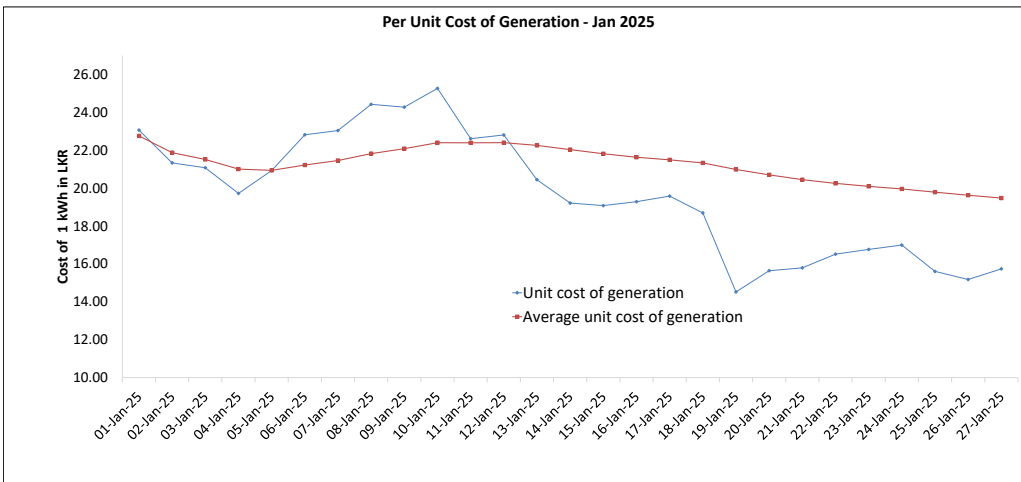
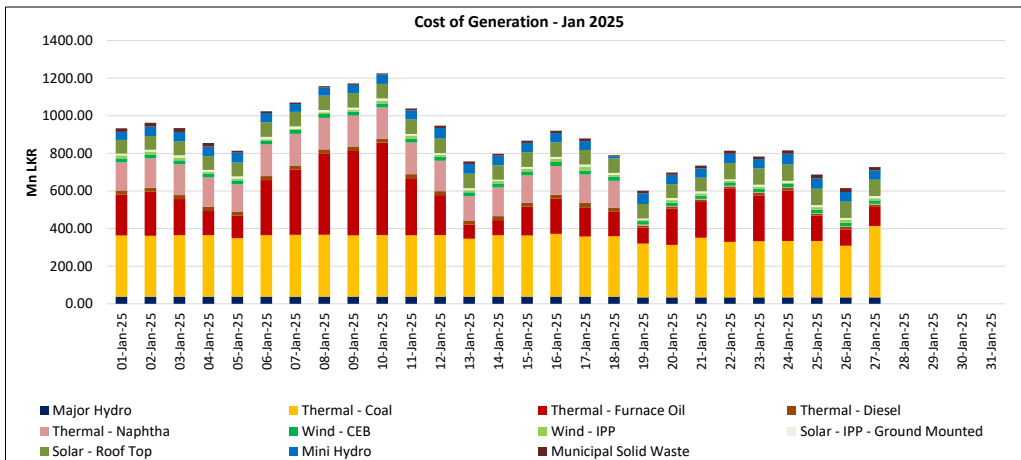
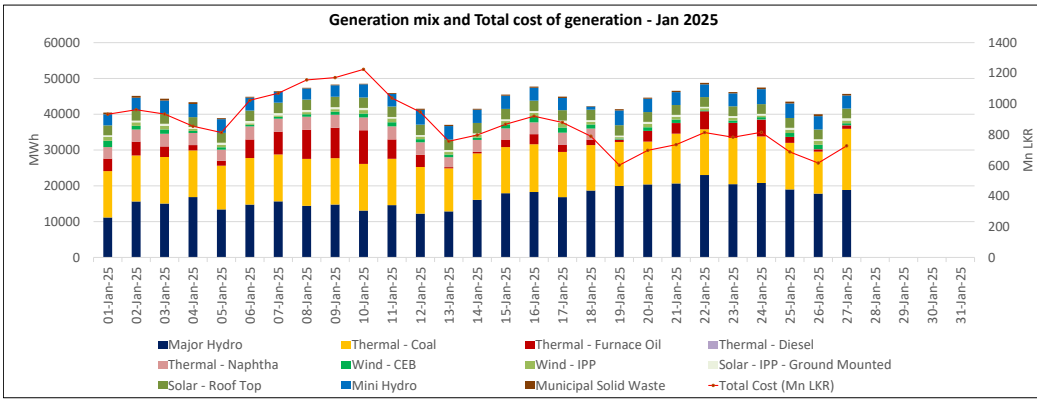
603 Mn LKR

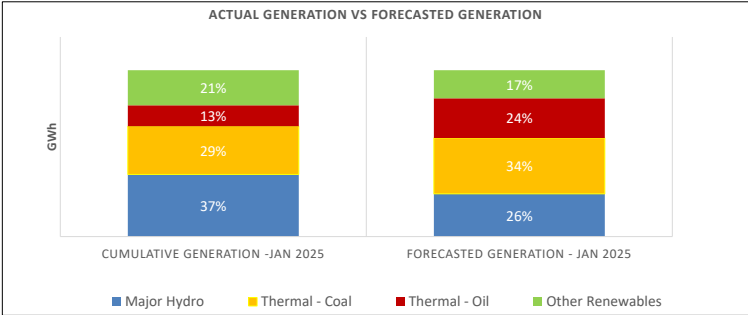
Actual Generation Mix - 27th Jan 2025 (Excluding generation from non telemetered power plants)

Plant Type	Generation (GWh)	Percentage
Major Hydro	18.8	44%
Thermal - Coal	17.1	40%
Thermal - Furnace Oil	1.0	2%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	0.0	0%
Wind - CEB	0.6	1%
Wind - IPP	0.8	2%
BMP	0.4	1.0%
Solar	0.6	1%
Mini Hydro	3.1	7%
Total	42.45	

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

634 Mn LKR





	Cumulative Generation - Jan 2025	Forecasted Generation - Jan 2025
Major Hydro	453	364
Thermal - Coal	350	476
Thermal - Oil	154	338
Other Renewables (including LECO RT est.)	256	239
Total	1,213	1,417

Forecasted Generation - SDOF Jan 2025

Estimated Cost of Generation - Jan 2025 (Mn LKR)

Major Hydro	995	Mn LKR
Thermal - Coal	8,569	Mn LKR
Thermal - Furnace Oil	5,793	Mn LKR
Thermal - Diesel	489	Mn LKR
Thermal - Naphtha	2,852	Mn LKR
Wind - CEB	536	Mn LKR
Wind - IPP	333	Mn LKR
Solar - IPP - Ground Mounted	277	Mn LKR
Solar - Roof Top	2,107	Mn LKR
Mini Hydro	1,315	Mn LKR
Municipal Solid Waste	362	Mn LKR
Total Generation Cost	23,627	Mn LKR

Generation Energy Cost (Jan)	18,174	Mn LKR
*Generation Capacity Cost (Jan)	4,542	Mn LKR
Other Cost (Jan)	911	Mn LKR
Average Unit Cost of Generation (Jan)	19.48	LKR/kWh

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