



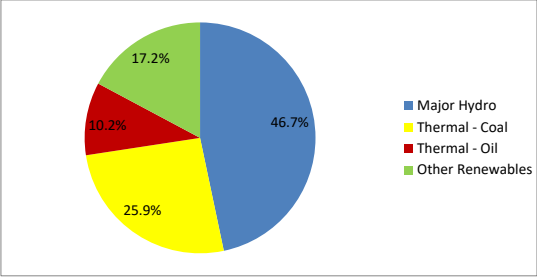
Daily Electricity Generation & Cost Estimation Report

22-Jan-25



Daily Generation Mix - 22nd January 2025

Plant Type	Generation (GWh)	Percentage
Major Hydro	23.03	46.7%
Thermal - Coal	12.77	25.9%
Thermal - Furnace Oil	5.03	10.2%
Thermal - Diesel	0.00	0.0%
Thermal - Naphtha	0.00	0.0%
Wind - CEB	0.26	0.5%
Wind - IPP	0.59	1.2%
Solar - IPP - Ground Mounted	0.38	0.8%
Solar - Roof Top	3.27	6.6%
Mini Hydro	3.55	7.2%
Municipal Solid Waste	0.42	0.9%
Total	49.32	



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 : 22nd 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	1.48	1.48
Thermal - Coal	249.8	10.6	34.9	295.3	19.57	0.83	2.73	23.13
Thermal - Furnace Oil	228.0	7.7	49.4	285.1	45.28	1.52	9.82	56.63
Thermal - Diesel	0.0	1.6	7.5	9.1	0.00	0.00	0.00	0.00
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	67.93	67.93
Wind - IPP	9.2	0.0	0.0	9.2	15.54	0.00	0.00	15.54
Solar - IPP - Ground Mounted	7.4	0.0	0.0	7.4	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	48.9	0.0	0.0	48.9	13.76	0.00	0.00	13.76
Municipal Solid Waste	16.7	0.0	0.0	16.7	39.48	0.00	0.00	39.48
Total	646.6	20.8	147.1	814.5	13.11	0.42	2.98	16.52

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 : 16.52 LKR/kWh
Total Generation Cost for the day: 814.49 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 - 22nd Jan 2025 (Excluding generation from non telemetered power plants)

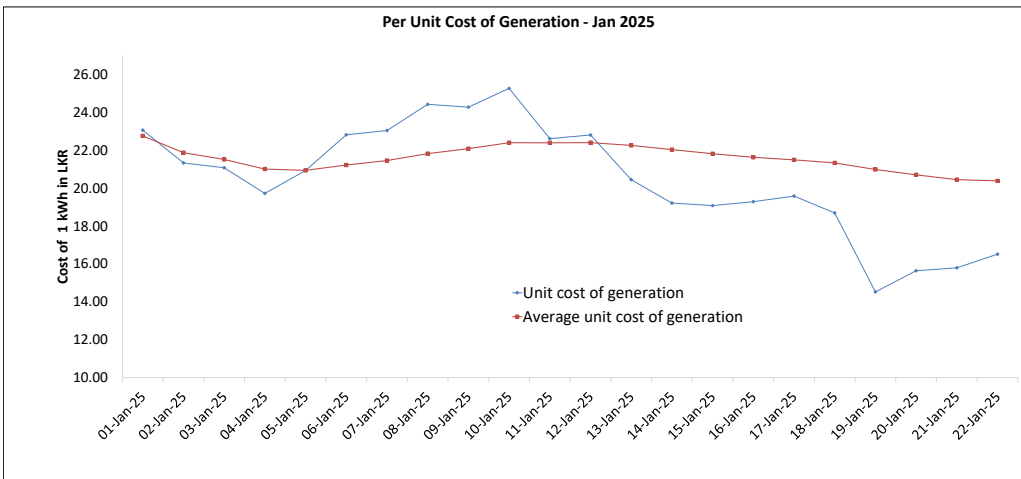
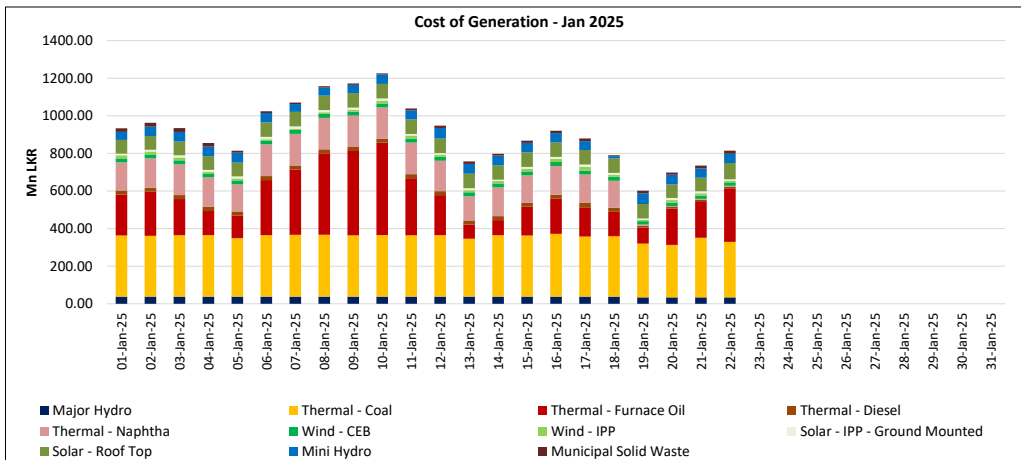
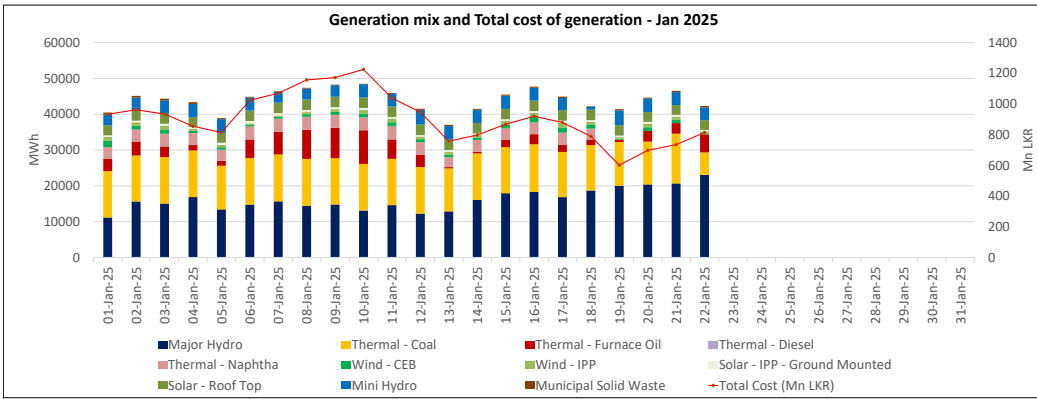
Plant Type	Generation (GWh)	Percentage
Major Hydro	20.9	49%
Thermal - Coal	12.8	30%
Thermal - Furnace Oil	3.6	8%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	0.0	0%
Wind - CEB	1.3	3%
Wind - IPP		
BMP	0.3	1%
Solar	0.3	1%
Mini Hydro	3.9	9%
Total	43.01	

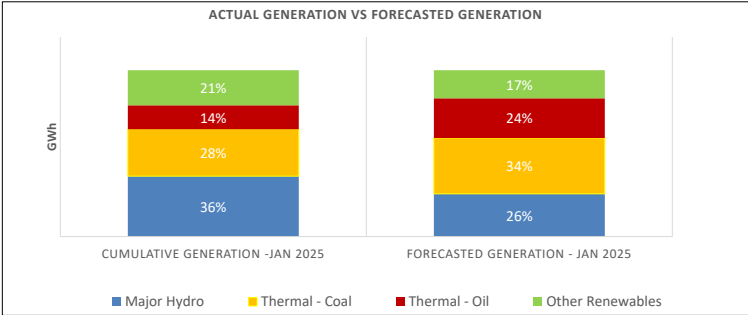
Estimated Generation Cost for the Scheduled Dispatch (Excluding non telemetered NCRE plants) 659 Mn LKR

Actual Generation Mix - 22nd Jan 2025 (Excluding generation from non telemetered power plants)

Plant Type	Generation (GWh)	Percentage
Major Hydro	23.0	50%
Thermal - Coal	12.8	28%
Thermal - Furnace Oil	5.0	11%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	0.0	0%
Wind - CEB	0.3	1%
Wind - IPP	0.6	1%
BMP	0.4	0.9%
Solar	0.4	1%
Mini Hydro	3.4	7%
Total	45.85	

Estimated Generation Cost for the Actual Dispatch (Excluding non telemetered NCRE plants) 725 Mn LKR





	Cumulative Generation - Jan 2025	Forecasted Generation - Jan 2025
Major Hydro	357	364
Thermal - Coal	276	476
Thermal - Oil	141	338
Other Renewables (including LECO RT est.)	207	239
Total	981	1,417

Forecasted Generation - SDOF Jan 2025

Estimated Cost of Generation - Jan 2025 (Mn LKR)

Major Hydro	824	Mn LKR
Thermal - Coal	7,015	Mn LKR
Thermal - Furnace Oil	4,957	Mn LKR
Thermal - Diesel	428	Mn LKR
Thermal - Naphtha	2,831	Mn LKR
Wind - CEB	447	Mn LKR
Wind - IPP	272	Mn LKR
Solar - IPP - Ground Mounted	226	Mn LKR
Solar - Roof Top	1,675	Mn LKR
Mini Hydro	1,050	Mn LKR
Municipal Solid Waste	272	Mn LKR
Total Generation Cost	19,998	Mn LKR

Generation Energy Cost (Jan)	15,384	Mn LKR
*Generation Capacity Cost (Jan)	3,807	Mn LKR
Other Cost (Jan)	807	Mn LKR

Average Unit Cost of Generation (Jan)	20.38	LKR/kWh
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Note -
 * Capacity cost is based on the approved BST submission.