



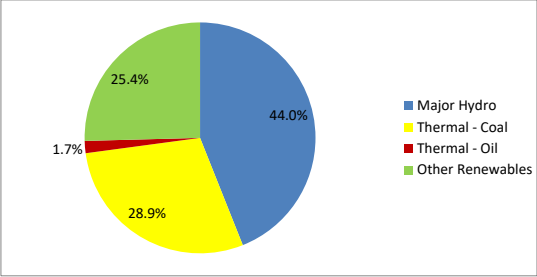
Daily Electricity Generation & Cost Estimation Report

26-Jan-25



Daily Generation Mix - 26th January 2025

Plant Type	Generation (GWh)	Percentage
Major Hydro	17.83	44.0%
Thermal - Coal	11.72	28.9%
Thermal - Furnace Oil	0.65	1.6%
Thermal - Diesel	0.04	0.1%
Thermal - Naphtha	0.00	0.0%
Wind - CEB	1.25	3.1%
Wind - IPP	1.04	2.6%
Solar - IPP - Ground Mounted	0.49	1.2%
Solar - Roof Top	3.27	8.1%
Mini Hydro	3.73	9.2%
Municipal Solid Waste	0.53	1.3%
Total	40.55	



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 : 26th 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	1.91	1.91
Thermal - Coal	229.4	10.6	34.9	274.8	19.57	0.90	2.98	23.44
Thermal - Furnace Oil	29.8	7.7	49.4	86.9	45.94	11.81	76.30	134.05
Thermal - Diesel	3.8	1.6	7.5	12.9	87.00	35.91	170.59	293.50
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	14.26	14.26
Wind - IPP	16.1	0.0	0.0	16.1	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	86.6	0.0	0.0	86.6	26.47	0.00	0.00	26.47
Mini Hydro	51.2	0.0	0.0	51.2	13.76	0.00	0.00	13.76
Municipal Solid Waste	21.0	0.0	0.0	21.0	39.48	0.00	0.00	39.48
Total	447.5	20.8	147.1	615.4	11.04	0.51	3.63	15.18

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 : 15.18 LKR/kWh
Total Generation Cost for the day: 615.40 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 - 26th Jan 2025 (Excluding generation from non telemetered power plants)

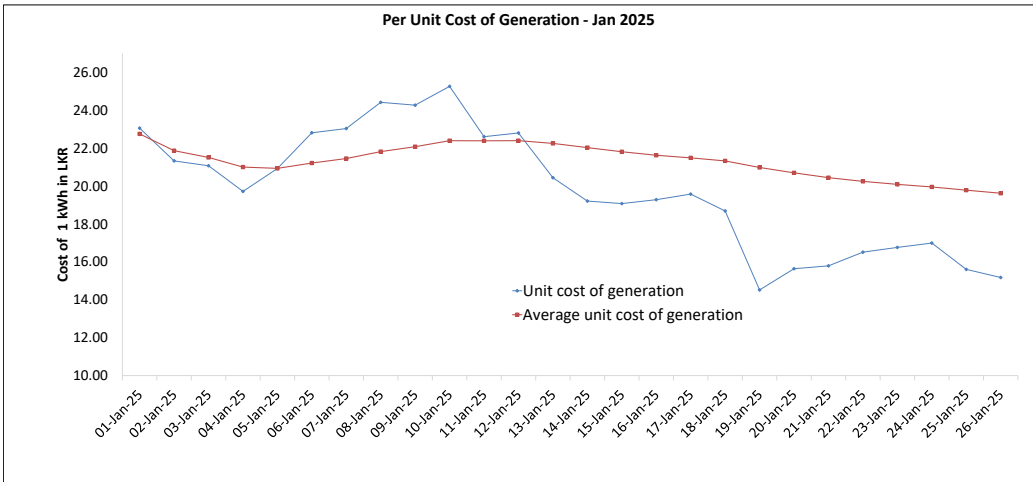
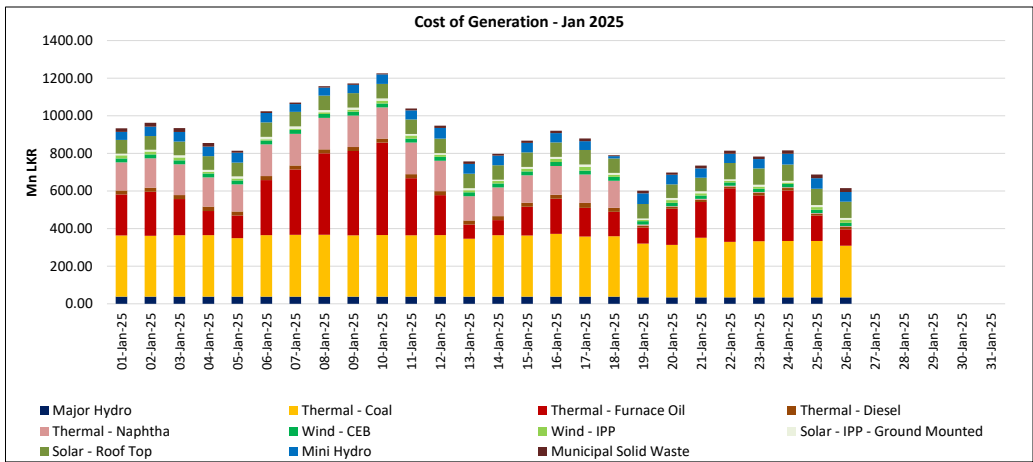
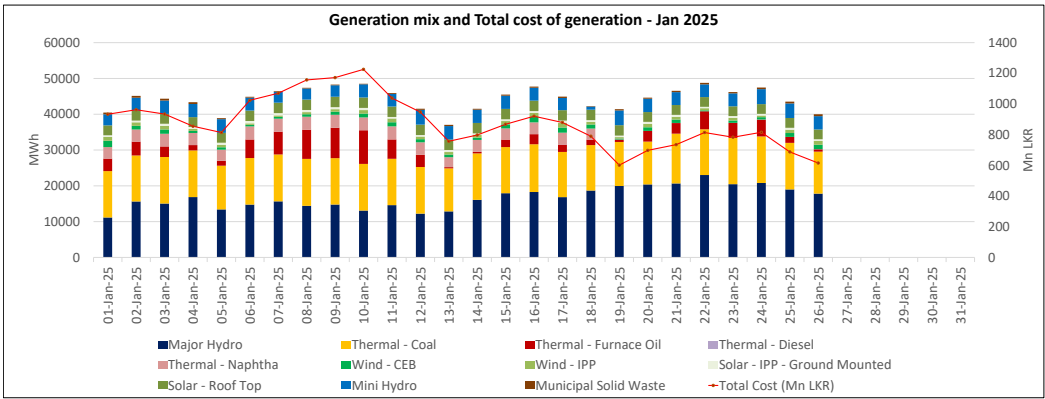
Plant Type	Generation (GWh)	Percentage
Major Hydro	17.9	52%
Thermal - Coal	11.2	32%
Thermal - Furnace Oil	0.3	1%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	0.0	0%
Wind - CEB	1.1	3%
Wind - IPP		
BMP	0.5	1%
Solar	0.2	1%
Mini Hydro	3.6	10%
Total	34.70	

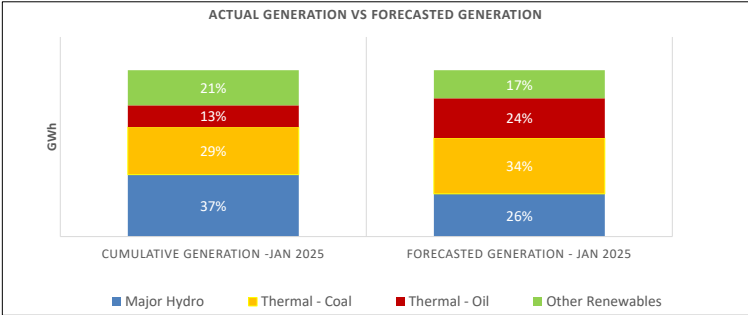
Estimated Generation Cost for the Scheduled Dispatch (Excluding non telemetered NCRE plants) 480 Mn LKR

Actual Generation Mix - 26th Jan 2025 (Excluding generation from non telemetered power plants)

Plant Type	Generation (GWh)	Percentage
Major Hydro	17.8	48%
Thermal - Coal	11.7	32%
Thermal - Furnace Oil	0.6	2%
Thermal - Diesel	0.0	0%
Thermal - Naphtha	0.0	0%
Wind - CEB	1.2	3%
Wind - IPP	1.0	3%
BMP	0.5	1.4%
Solar	0.5	1%
Mini Hydro	3.2	9%
Total	36.77	

Estimated Generation Cost for the Actual Dispatch (Excluding non telemetered NCRE plants) 522 Mn LKR





	Cumulative Generation - Jan 2025	Forecasted Generation - Jan 2025
Major Hydro	435	364
Thermal - Coal	333	476
Thermal - Oil	153	338
Other Renewables (including LECO RT est.)	246	239
Total	1,167	1,417

Forecasted Generation - SDOF Jan 2025

Estimated Cost of Generation - Jan 2025 (Mn LKR)

Major Hydro	961 Mn LKR
Thermal - Coal	8,189 Mn LKR
Thermal - Furnace Oil	5,691 Mn LKR
Thermal - Diesel	477 Mn LKR
Thermal - Naphtha	2,848 Mn LKR
Wind - CEB	518 Mn LKR
Wind - IPP	321 Mn LKR
Solar - IPP - Ground Mounted	265 Mn LKR
Solar - Roof Top	2,021 Mn LKR
Mini Hydro	1,265 Mn LKR
Municipal Solid Waste	345 Mn LKR
Total Generation Cost	22,900 Mn LKR

Generation Energy Cost (Jan)	17,615 Mn LKR
*Generation Capacity Cost (Jan)	4,395 Mn LKR
Other Cost (Jan)	890 Mn LKR

Average Unit Cost of Generation (Jan)	19.63 LKR/kWh
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Note -

* Capacity cost is based on the approved BST submission.