Power Grid Bangladesh PLC
National Load Dispatch Center (NLDC)
System Summary Report

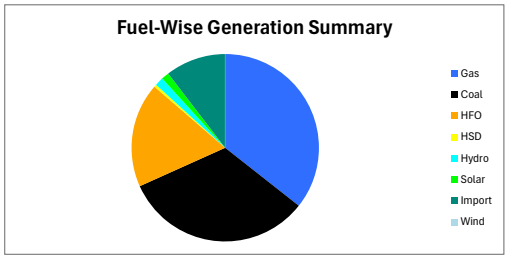
Date : 02-10-2026

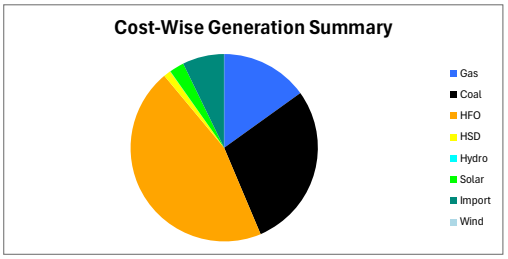
Power Supply Scenario

Day Peak Generation	13944.06	MW	12:00 Hr.	Energy Generated	341.49518	MKWHr.
Day Peak Demand	13980.06	MW	12:00 Hr.	Energy Unserverd	18.67700	MKWHr.
Evening Peak Generation	15570.87	MW	21:00 Hr.	Energy Demand	360.17218	MKWHr.
Evening Peak Demand	15741.67	MW	20:00 Hr.	Maximum Temperature	32.50	°C
Minimum Generation of the Day	12955.76	MW	17:00 Hr.	Total Gas Supplied	867.66	MMCFD
Maximum Generation of the Day	15570.87	MW	21:00 Hr.	Production Cost per KWHr	8.21317	Tk.

Zone-wise Generation Summary (MKWHr.)

	Gas	Coal	HFO	HSD	Hydro	Solar	Import	Wind	**Total**
Dhaka Zone	36.80	0.00	15.40	0.00	0.00	0.19	0.00	0.00	52.39
Chattogram Zone	6.08	48.41	21.32	0.00	5.18	0.12	0.00	0.00	81.11
Cumilla Zone	29.13	0.00	7.67	0.00	0.00	0.42	1.45	0.00	38.67
Mymensingh Zone	0.00	0.00	4.44	0.00	0.00	0.35	0.00	0.00	4.80
Sylhet Zone	32.79	0.00	0.00	0.00	0.00	0.03	0.00	0.00	32.82
Khulna Zone	0.00	20.62	1.08	0.72	0.00	0.45	20.86	0.00	43.73
Barishal Zone	8.15	38.81	4.24	0.00	0.00	0.00	0.00	0.00	51.20
Rajshahi Zone	8.75	0.00	4.13	0.00	0.00	1.44	13.28	0.00	27.60
Rangpur Zone	0.00	3.61	3.38	0.71	0.00	1.48	0.00	0.00	9.18
Total	121.70	111.45	61.67	1.42	5.18	4.49	35.58	0.00	341.50





Production Cost (Tk.)

Fuel	**Tk.**	**Fuel**	**Tk.**
Gas	422370912	Hydro	517658.7
Coal	802313624.9	Solar	72176277.42
HFO	1269319071	Import	201734118.4
HSD	36313373.55	Wind	14246.4

Total: 280,47,59,282 Tk.

E-W Interconnector & Import Scenario

Energy Flow from East to West:	KWHr:	55200	Import through HVDC C/B Interconnector:	MKWHr:	20.856727	Peak Hr Flow	763.00 MW at 21:00 hrs.
Energy Flow from West to East:	KWHr:	24119945.45	Import through Adani C/B Interconnector:	MKWHr:	13.275207	Peak Hr Flow	625.89 MW at 21:00 hrs.
Power Flow during Peak Demand (W-E):	MW:	805	Import through Cumilla C/B Interconnector:	MKWHr:	1.45152	Peak Hr Flow	64.00 MW at 21:00 hrs.
Maximum Power Flow (W-E):	MW:	1281	Total Import through C/B Interconnector:	MKWHr:	35.583454	Peak Hr Flow	1452.89 MW at 21:00 hrs.

Zone-wise Load-shed and Demand Summary (MW) at evening peak Hour (21:00 Hr.)

Zone	**Load-Shed**	**Demand**
Dhaka	8	5171
Chattogram	20	1482
Cumilla	8	1592
Mymensingh	89	1334
Sylhet	0	635
Khulna	0	1906
Barishal	0	514
Rajshahi	0	1567
Rangpur	0	985
Total	**125**	**15186**

Status of unavailable Power Plant

Planned S/D			**Forced S/D**		
Sl	Plant Name	Capacity	Sl	Plant Name	Capacity
1	Ashuganj 420 MW CCPP(East) GT	284	1	Bhairob 54.5 MW	54.5
2	Ashuganj 420 MW CCPP(East) ST	116	2	Kushiara 163 MW CCPP (KP) ST	54
3	Baghabari 100 MW GTPP	100	3	Sylhet 225 MW CCPP ST	89
4	Barapukuria TPP Unit-2	85			
5	Siddhirgonj 210 MW TPP	115			
	Total	700		Total	197.5
	Total Unavailable Capacity	**897.5**			

Event Summary

Outage Time	Restoration Time	Description of Event	Description of Event
08:05		About 25 MW interruption is occurring under Sikalbaha 132/33kV grid S/S from 08:05 hrs as 132/33kV T-4 transformer was forced shutdown due to 33kV side trip coil being burnt.	
08:32	11:45	Maniknagar 132/33kV S/S Transformer GT-1 HT Scheduled S/D	

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	08:38	Mymensingh 132/33kV S/S Bus A is restored.	
08:49	17:31	Ishwardi-Santhia 132kV Ckt Project Work S/D from Santhia 132/33kV end Due to Bypass and commissioning works of Pabna LILO	
	08:50	Aminbazar 400/230/132kV S/S 230/132kv Tr-03 HT is restored.	
	08:52	Aminbazar 400/230/132kV S/S 230/132kv Tr-03 LT is restored.	
08:59	17:24	Ishwardi-Santhia 132kV Ckt Scheduled S/D from Ishurdi 132/33kV end Due to Lilo work	
09:05	09:37	Coxsbazar 132/33kV S/S 415T-T2 LT Scheduled S/D Due to To check the dimensions of the breaker	10.0MW load interrup.
	09:38	Ghorasal-Joydeb-B 132kV Ckt-1 is restored.	
09:43	11:34	Ramganj 132/33kV S/S Transformer-01 LT Forced S/D Due to 33 kV Hazigonj feeder red hot point Maintenance work	30.0MW load interrup.
09:44	11:34	Ramganj 132/33kV S/S Transformer-01 HT Forced S/D Due to 33 kV Hazigonj feeder red hot point Maintenance work	30.0MW load interrup.
12:00		Day Peak Generation: 13944 MW	
	12:47	Kaliakoir 400/230/132kV S/S 400kV Bus 1 is restored.	
16:07	17:10	Gopalganj(N)-Madaripur 132kV Ckt-1 Forced S/D from Gopalganj 400/230/132kV end Due to Right of way clear and from Madaripur 132/33kVend.	
16:25		Rampal 1320 MW (BIFPCL) Synchronized with remarks:- U1	
	19:50	Aminbazar-Manikgonj PP 132kV Ckt-1 is restored.	
20:46	23:16	Ghorashal 230kV S/S TARFO-2 LT Forced S/D Due to 33kV Out Going-1 Trip for kaliganj2 ckt. At the same time Flashing accure at incommer CT Y phase junction point.	30.0MW load interrup.
21:00		Evening Peak Generation: 15571 MW.	
21:24	23:10	Ghorashal 230kV S/S TARFO-2 HT Forced S/D Due to 33kV Out Going-1 Trip for kaliganj2 ckt. At the same time Flashing accure at incommer CT Y phase junction point. Due to maintenance work we S/D the Transformer-2. Power is completely out.	30.0MW load interrup.
22:14	22:20	Bhaluka 132/33kV S/S 03. Transformer-03 LT Tripped showing Micro relays.	6.0MW load interrup.
05:26		Bhaluka-Mymensingh 132 kV Ckt-2 Project Work S/D from Mymensingh 132/33kV end Due to Cradle guard removal	85.0MW load interrup. Mymensingh 132/33kV end
05:35		Bhaluka-Mymensingh 132 kV Ckt-1 Project Work S/D from Mymensingh 132/33kV end Due to Cradle guard removal	85.0MW load interrup. Mymensingh 132/33kV end
07:03		Chandpur 132/33kV S/S 402T (T-01) HT Scheduled S/D Due to Maintenance Work	
07:03		Chandpur 132/33kV S/S 33 kV T-1 Section Scheduled S/D Due to Maintenance Work	16.0MW load interrup.
	07:03	Chandpur 132/33kV S/S 412T (T-2) LT is restored.	
07:03		Chandpur 132/33kV S/S 402T (T-01) LT Scheduled S/D Due to Maintenance Work	
07:04		Rajshahi 132/33kV S/S Transformer T-3 (425T) LT Scheduled S/D Due to Red hot removing work at 33 Kv TDS of T3 Transformer.	10.0MW load interrup.
07:04		Rajshahi 132/33kV S/S Transformer T-3 (425T) HT Scheduled S/D Due to Red hot removing work at 33 Kv TDS of T3 Transformer.	10.0MW load interrup.
07:08		Joydebpur-Kodda B 132 kV Ckt-2 Scheduled S/D from Joydebpur 132/33kV end Due to Coductor armouring.	

Sub-Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Network Operation Division