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

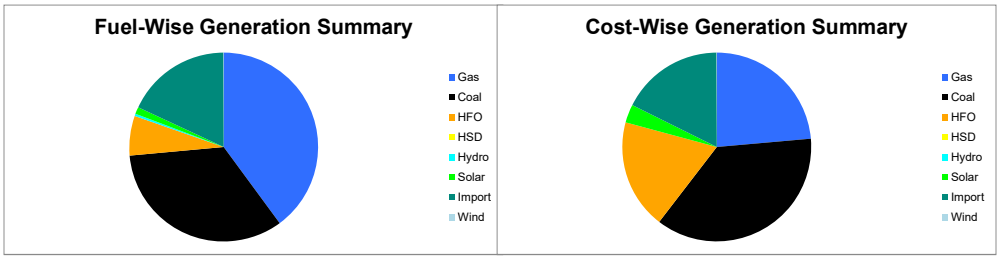
Date : 18-05-2026

Power Supply Scenario

Day Peak Generation	13590.47	MW	12:00 Hr.	Energy Generated	324.87809	MKWHr.
Day Peak Demand	13684.47	MW	12:00 Hr.	Energy Unserverd	2.63700	MKWHr.
Evening Peak Generation	14670.82	MW	19:00 Hr.	Energy Demand	327.51509	MKWHr.
Evening Peak Demand	14974.82	MW	19:00 Hr.	Maximum Temperature	32.70	°C
Minimum Generation of the Day	11515.59	MW	06:00 Hr.	Total Gas Supplied	930.31	MMCFD
Maximum Generation of the Day	15277.76	MW	00:00 Hr.	Production Cost per KWHr	5.93567	Tk.

Zone-wise Generation Summary (MKWHr.)

	Gas	Coal	HFO	HSD	Hydro	Solar	Import	Wind	**Total**
Dhaka Zone	34.21	0.00	13.12	0.00	0.00	0.16	0.00	0.00	47.49
Chattogram Zone	5.63	47.10	2.02	0.00	1.31	0.15	0.00	0.10	56.31
Cumilla Zone	31.35	0.00	2.08	0.00	0.00	0.47	3.45	0.00	37.36
Mymensingh Zone	0.00	0.00	1.54	0.00	0.00	0.14	0.00	0.00	1.67
Sylhet Zone	29.74	0.00	0.00	0.00	0.00	0.03	0.00	0.00	29.78
Khulna Zone	3.69	16.84	0.12	0.00	0.00	0.64	22.33	0.00	43.62
Barishal Zone	8.19	44.35	0.68	0.00	0.00	0.00	0.00	0.00	53.23
Rajshahi Zone	16.79	0.00	0.72	0.00	0.00	1.15	32.85	0.00	51.51
Rangpur Zone	0.00	1.15	1.68	0.00	0.00	1.08	0.00	0.00	3.91
Total	129.60	109.45	21.96	0.00	1.31	3.83	58.63	0.10	324.88



Production Cost (Tk.)

Fuel	**Tk.**	**Fuel**	**Tk.**
Gas	454342159.4	Hydro	131178
Coal	711154042.5	Solar	60543894.97
HFO	362002336.1	Import	338749205.2
HSD	0	Wind	1447464
	Total:	192,83,70,280	Tk.

E-W Interconnector & Import Scenario

Energy Flow from East to West:	KWHr:	0	Import through HVDC C/B Interconnector:	MKWHr:	22.325091	Peak Hr Flow	923.00 MW at 19:00 hrs.
Energy Flow from West to East:	KWHr:	45789181.82	Import through Adani C/B Interconnector:	MKWHr:	32.852727	Peak Hr Flow	1586.82 MW at 19:00 hrs.
Flow during Peak Demand (W-E):	MW:	2501	Import through Cumilla C/B Interconnector:	MKWHr:	3.45024	Peak Hr Flow	150.00 MW at 19:00 hrs.
Maximum Power Flow (W-E):	MW:	3118	Total Import through C/B Interconnector:	MKWHr:	58.628058	Peak Hr Flow	2659.82 MW at 19:00 hrs.

Zone-wise Load-shed and Demand Summary (MW) at evening peak Hour (19:00 Hr.)

Zone	**Load-Shed**	**Demand**
Dhaka	30	5951
Chattogram	100	1512
Cumilla	0	1455
Mymensingh	161	1128
Sylhet	0	573
Khulna	0	1022
Barishal	0	511
Rajshahi	0	1392
Rangpur	0	909
Total	**291**	**14453**

Status of unavailable Power Plant

Planned S/D			**Forced S/D**		
Sl	Plant Name	Capacity	Sl	Plant Name	Capacity
1	Baghabari 100 MW GTPP	100			
2	Barapukuria TPP Unit-2	85			
3	Siddhirgonj 210 MW TPP	115			
	Total	300		Total	0
	Total Unavailable Capacity	**300**			

Event Summary

Outage Time	Restoration Time	Description of Event	Description of Event
	08:01	Purbasadipur 230/132/33kV S/S AIS Old T-4 Transformer HT is restored.	
	08:02	Purbasadipur 230/132/33kV S/S AIS Old T-4 Transformer LT is restored.	
08:34	09:46	Mithapukur 132/33kV S/S TR-1(404T) LT Forced S/D Due to Red hot in isolator clam	14.5MW load interrup.
08:48	19:32	BSRM-Cumilla(N) 230 kV Ckt-2 Project Work S/D from Feni 230/132kV end Due to Witness Work of SAS & DFDR	
08:49	19:31	Korerhat 400/230/132kV S/S Feni -2 Project Work S/D Due to Project work	

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09:06	17:49	Keraniganj-Nawabganj 132kV Ckt-1 Scheduled S/D from Keranigonj 230/132/33kV end Due to OPGW maintenance work. and from Nawabganj 132/33kV end Due to OPGW Maintenance.	
09:32	12:08	Korerhat 400/230/132kV S/S Meghnaghat-1 Project Work S/D Due to Project work	
09:32	12:09	Madunaghat-Meghnaghat 400kV Ckt-1 Scheduled S/D from Meghnaghat 400/230kV end Due to 400 kV Korerhat ckt- 01 shutdown instructed by NLDC.	
	09:35	Sylhet (South) S/S Trafo-2 HT is restored.	
	09:35	Sylhet (South) S/S Trafo-2 LT is restored.	
10:31	12:24	Aminbazar-Meghnaghat 400kV Ckt-1 Scheduled S/D from Meghnaghat 400/230kV end Due to for maintenance work	
	10:45	Tangail 132/33kV S/S Tr-1 HT is restored.	
	10:45	Tangail 132/33kV S/S Tr-1 LT is restored.	
11:15	16:47	Bogura 400/230kV S/S Bogura - Parbotipur 230 kV Ckt-1 Scheduled S/D Due to Conductor Shifting from Exiting line tower to ERS tower	
11:15	16:47	Bogura 400/230kV S/S Bogura - Parbotipur 230 kV Ckt-2 Scheduled S/D Due to Conductor Shifting from Exiting line tower to ERS tower	
11:25	12:42	Kabirpur 132/33kV S/S XFR, T-I LT Scheduled S/D Due to 33 kV bus maintenance.	70.0MW load interrup.
11:25	12:41	Kabirpur 132/33kV S/S XFR, T-I HT Scheduled S/D	70.0MW load interrup.
12:00	13:47	Bhulta 132/33kV S/S GT2 HT Scheduled S/D Due to 33 kV side Cable's heat srink leakage.	45.0MW load interrup.
12:19	16:15	Madunaghat-Meghnaghat 400kV Ckt-2 Scheduled S/D from Meghnaghat 400/230kV end Due to Instruction by NLDC	
12:20	16:16	Korerhat 400/230/132kV S/S Meghnaghat-2 Project Work S/D Due to Project work	
13:31		Rampal 1320 MW (BIFPCL) Synchronized with remarks:- U2	
15:50	17:21	BIPTC S/S 10CF22 Forced S/D Due to Corrective maintenance	
	15:57	Chowmuhani 230/132/33kV S/S ATR-02 HT is restored.	
	15:57	Chowmuhani 230/132/33kV S/S ATR-02 LT is restored.	
16:19	17:19	Purbasadipur 230/132/33kV S/S AIS Old T-4 Transformer HT Scheduled S/D Due to 33kv PBS feeder maintenance.	20.0MW load interrup.
17:05	21:56	Bogura 400/230kV S/S Bogura - Kaliakoir 400 kV Ckt-2 Forced S/D Due to instructed by NLDC AE sir due to reduce system voltage	
17:05	21:57	Bogura 400/230kV S/S Bogura - Kaliakoir 400 kV Ckt-1 Forced S/D Due to instructed by NLDC AE sir due to reduce system voltage	
17:11	21:57	Bogura 400/230kV S/S Bogura - Parbotipur 230 kV Ckt-1 Forced S/D Due to instructed by NLDC AE sir due to reduce system voltage	
17:11	21:57	Bogura 400/230kV S/S Bogura - Parbotipur 230 kV Ckt-2 Forced S/D Due to instructed by NLDC AE sir due to reduce system voltage	
	17:42	Tangail 132/33kV S/S Tr-2 HT is restored.	
17:42	17:50	Kasba 132/33kV S/S TR-1 LT Forced S/D Due to SD for pbs grounding wire repair	10.0MW load interrup.
	17:42	Tangail 132/33kV S/S Tr-2 LT is restored.	
17:50	20:03	Kasba 132/33kV S/S TR-1 HT Scheduled S/D	14.0MW load interrup.
	18:43	Sonargaon 132/33kV S/S Bashundhara Line is restored.	
20:06	20:10	Barishal 132/33kV S/S T-2 (415T) LT Tripped showing Instt. O/V, Definte O/C relays Due to 33kV Dopdopia WZPDCL feeder fault	30.0MW load interrup.
20:10	20:40	Madanganj 132/33kV S/S GT-2 LT Tripped showing 132 kv Side o/c and E/F33 KV side phase instant fault Fault in PBS line relays Due to Heavy rain and storm	25.0MW load interrup.
20:10	20:37	Madanganj 132/33kV S/S GT-2 HT Tripped showing 132 KV side o/c and E/F33 kv side phase instant faultFault in PBS line relays Due to Heavy rain and storm	25.0MW load interrup.
20:21	22:24	Bhandaria 132/33kV S/S Transformer-2 LT Tripped showing Over current and earth fault relays Due to Oxilary transformer DS pin insulator Blust	6.0MW load interrup.
20:21	22:21	Bhandaria 132/33kV S/S Transformer-1 LT Tripped showing Over current and earth fault relays Due to Oxilary transformer DS pin insulator Blust	6.0MW load interrup.
20:41	21:49	Kasba 132/33kV S/S TR-1 HT Scheduled S/D Due to for grounding maintenance at 33 kV switch	18.0MW load

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		yard.	interrup.
20:41	21:49	Kasba 132/33kV S/S TR-1 LT Scheduled S/D Due to for grounding maintenance at 33 kV switch yard.	18.0MW load interrup.
21:28	22:20	Bhandaria 132/33kV S/S Transformer-1 HT Forced S/D Due to Oxilary transformer DS pin insulator Blust	6.0MW load interrup.
21:28	22:23	Bhandaria 132/33kV S/S Transformer-2 HT Forced S/D Due to Auxilary transformer DS pin insulator Blust	6.0MW load interrup.
21:39	22:23	Jhenaidah-Kushtia 132kV Ckt-1 Tripped from Kushtia 132/33kV end showing SOTF Optd relays.	
21:40	22:25	Jhenaidah 132/33kV S/S Jhenaidah-Kushtia 132kV Circuit-1(L1) Tripped showing Distance Relay, E/F relays.	
23:17	01:12	Chauddagram 132/33kV S/S 132 kv T-1 HT Scheduled S/D Due to Red hot maintenance for PBS end.	40.0MW load interrup.
23:17	01:12	Chauddagram 132/33kV S/S 132 kv T-1 LT Scheduled S/D Due to Red hot maintenance for PBS end	40.0MW load interrup.
05:33		Mymensingh 132/33kV S/S Transformer-1 (404T) LT Scheduled S/D Due to To perform high temperature mitigate works of 132kV B-Bus DS Net-1 and T-1 (404T).	
05:33		Mymensingh 132/33kV S/S Transformer-1 (404T) HT Scheduled S/D Due to To perform high temperature mitigate works of 132kV B-Bus DS Net-1 and T-1 (404T).	
05:45		Mymensingh-Netrokona 132kV Ckt-1 Scheduled S/D from Mymensingh 132/33kV end Due to To perform high temperature mitigate works of 132kV B-Bus DS Net-1 and T-1 (404T).	
06:00		Minimum Generation: 12262 MW	
06:36		Kalurghat 132/33kV S/S TRFO-02(516T) LT Scheduled S/D Due to High temperature	
06:36		Aminbazar-Kallyanpur 132kV Ckt-2 Scheduled S/D from Kallyanpur 132/33kV end Due to OPGW Maintenance Work	
06:53		Mymensingh 132/33kV S/S Bus B Scheduled S/D Due to To perform high temperature mitigate works of 132kV B-Bus DS Net-1 R-phase and T-1 (404T) R-phase.	
07:06		Full load interruption has been occurring in Kurigram Grid S/S due to 132 kV bus shutdown for high temperature maintenance work.	
07:06		Kurigram-Lalmonirhat 132kV Ckt-1 Forced S/D from Kurigram 132/33kV end Due to 132kv bus B phase Red hot	50.0MW load interrup. Kurigram 132/33kV end
07:06		Lalmonirhat-Rangpur 132 kV Ckt-2 Forced S/D from Kurigram 132/33kV end Due to 132kv bus B phase Red hot	50.0MW load interrup. Kurigram 132/33kV end
07:15		Lalmonirhat 132/33kV S/S Kurigram-Lalmonirhat Forced S/D Due to Kurigram bus maintenance	

Sub-Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Network Operation Division