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

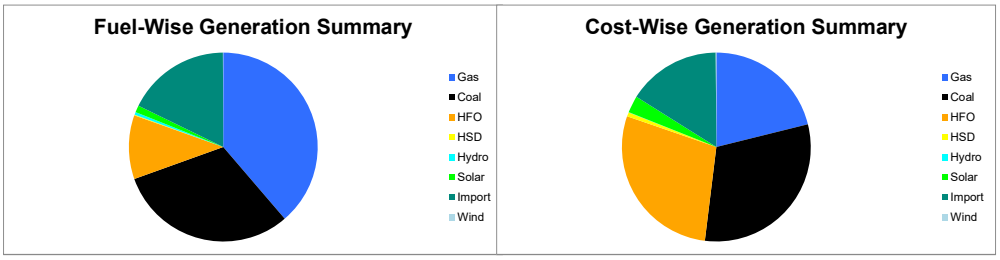
Date : 16-05-2026

Power Supply Scenario

Day Peak Generation	13333.91	MW	12:00 Hr.	Energy Generated	336.79764	MKWHr.
Day Peak Demand	13373.91	MW	12:00 Hr.	Energy Unserverd	2.39300	MKWHr.
Evening Peak Generation	16412.2	MW	21:00 Hr.	Energy Demand	339.19064	MKWHr.
Evening Peak Demand	16620.2	MW	21:00 Hr.	Maximum Temperature	35.50	°C
Minimum Generation of the Day	12211.4	MW	06:00 Hr.	Total Gas Supplied	921.48	MMCFD
Maximum Generation of the Day	16412.2	MW	21:00 Hr.	Production Cost per KWHr	6.46029	Tk.

Zone-wise Generation Summary (MKWHr.)

	Gas	Coal	HFO	HSD	Hydro	Solar	Import	Wind	**Total**
Dhaka Zone	35.45	0.00	16.69	0.00	0.00	0.17	0.00	0.00	52.31
Chattogram Zone	5.66	48.77	4.48	0.00	1.59	0.15	0.00	0.19	60.84
Cumilla Zone	30.43	0.00	5.82	0.00	0.00	0.47	3.71	0.00	40.43
Mymensingh Zone	0.06	0.00	2.37	0.00	0.00	0.23	0.00	0.00	2.66
Sylhet Zone	28.55	0.00	0.00	0.00	0.00	0.06	0.00	0.00	28.61
Khulna Zone	4.12	14.14	0.46	0.00	0.00	0.62	22.05	0.00	41.39
Barishal Zone	8.00	39.81	1.31	0.00	0.00	0.00	0.00	0.00	49.13
Rajshahi Zone	18.06	0.00	3.33	0.00	0.00	1.17	33.83	0.00	56.39
Rangpur Zone	0.00	1.09	2.32	0.51	0.00	1.12	0.00	0.00	5.05
Total	130.34	103.82	36.79	0.51	1.59	3.98	59.59	0.19	336.80



Production Cost (Tk.)

Fuel	**Tk.**	**Fuel**	**Tk.**
Gas	459935586.2	Hydro	158868
Coal	670343199.5	Solar	63523963.84
HFO	616523944.4	Import	346802352
HSD	15767760.32	Wind	2753712
	Total: 217,58,09,386	Tk.	

E-W Interconnector & Import Scenario

rgy Flow from East to West:	KWHr:	0	Import through HVDC C/B Interconnector:	MKWHr:	22.048	Peak Hr Flow	895.00 MW at 21:00 hrs.
rgy Flow from West to East:	KWHr:	42526272.73	Import through Adani C/B Interconnector:	MKWHr:	33.832909	Peak Hr Flow	1470.00 MW at 21:00 hrs.
during Peak Demand (W-E):	MW:	2003	Import through Cumilla C/B Interconnector:	MKWHr:	3.70656	Peak Hr Flow	180.00 MW at 21:00 hrs.
laximum Power Flow (W-E):	MW:	2418	Total Import through C/B Interconnector:	MKWHr:	59.587469	Peak Hr Flow	2545.00 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	0	6070
Chattogram	29	1566
Cumilla	0	1542
Mymensingh	140	1124
Sylhet	0	581
Khulna	30	2030
Barishal	0	520
Rajshahi	0	1705
Rangpur	0	974
Total	**199**	**16112**

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		Chandpur CCPP ST was sync.	
08:34	17:26	Ishurdi 132/33kV S/S 132/33 kV T-3 LT Scheduled S/D	20.0MW load interrup.
08:34	17:26	Ishurdi 132/33kV S/S 132/33 kV T-3 HT Scheduled S/D	20.0MW load interrup.
	08:42	Mymensingh 132/33kV S/S Transformer-1 (404T) HT is restored.	
	08:43	Mymensingh 132/33kV S/S Transformer-2 (414T) HT is restored.	

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08:52	11:30	Pabna- Shahjadpur 132kV Ckt-1 Forced S/D from Shahjadpur 132/33kV end Due to শাবনা গ্রিডে জরুরি সংরক্ষণ কাজের জন্য। and from Pabna 132/33kV end Due to Redhot Maintenance	
	09:33	Mongla 132/33kV S/S T-1 HT is restored.	
	09:33	Mongla 132/33kV S/S T-1 LT is restored.	
09:33	11:08	Chandraghona-Kaptai 132 kV Ckt-1 Scheduled S/D from Chandraghona 132/33kV end Due to Relay functional test performed by SPMD	
09:41	15:46	Barapukuria-Bogura 230 kV Ckt-2 Project Work S/D from Bogura 400/230kV end Due to Project work shutdown and from Barapukuria 230/132/33kV end Due to ERS	
09:53		At Bhola P/S,Tr-(230/33)Kv S/D is Restored.	
09:56	12:32	Chattak-Sylhet 132 kV Ckt-1 Tripped from Sylhet 132/33kV end showing Distance A & B Phase, Zone-2 relays.	20.0MW load interrup. Sylhet 132/33kV end
10:48	15:56	Tangail 132/33kV S/S Tr-3 LT Scheduled S/D Due to 33 kv ghatail feeder redhot maintenance	
10:48	15:56	Tangail 132/33kV S/S Tr-3 HT Scheduled S/D Due to 33 kv ghatail feeder redhot maintenance	
10:50		Aminbazar-Kaliakor 400 ckt shutdown	
11:07	13:20	Khulna (C) S/S Tr-2 415 T LT Scheduled S/D Due to Wz red hot maintenance	
11:08	13:19	Khulna (C) S/S Tr-2 415 T HT Scheduled S/D Due to Wz red hot maintenance.	
11:10	13:30	Chandraghona-Kaptai 132 kV Ckt-2 Scheduled S/D from Chandraghona 132/33kV end Due to Relay functional test performed by SPMD	
11:13	15:44	GPH 230/33kV S/S Transformer-01(D05) HT Scheduled S/D Due to for general maintenance	
	11:29	Shariatpur 132/33kV S/S T1-406T HT is restored.	
	11:30	Shariatpur 132/33kV S/S T1-406T LT is restored.	
11:38	13:21	Narshingdi 132/33kV S/S T-4 LT Scheduled S/D Due to টি-৪ ,৩৩ কেভি বাসের আওতাধীন শিবপুর ৩৩ কেভি ফিডারের সোর্স সাইডস রাইজার গ্রেড ২ট হওয়ায় জরুরী রক্ষনাবেক্ষন কাজ	17.0MW load interrup.
11:38	13:20	Narshingdi 132/33kV S/S T-4 HT Scheduled S/D Due to টি-৪ ,৩৩ কেভি বাসের আওতাধীন শিবপুর ৩৩ কেভি ফিডারের সোর্স সাইডস রাইজার গ্রেড ২ট হওয়ায় জরুরী রক্ষনাবেক্ষন কাজ	17.0MW load interrup.
11:42	15:49	Shariatpur 132/33kV S/S T2-416T LT Scheduled S/D Due to Maintenance Work by PBS.	32.0MW load interrup.
11:45	15:39	Shariatpur 132/33kV S/S T2-416T HT Scheduled S/D Due to Maintenance Work by PBS.	32.0MW load interrup.
11:51	12:57	Chandraghona-Rangamati 132 kV Ckt-1 Scheduled S/D from Chandraghona 132/33kV end Due to Relay functional test performed by SPMD	
12:00		Day Peak Generation is 13330 MW.	
12:08	12:18	Nabinagar 132/33kV S/S T-1 LT Tripped showing 7SJ81 relays Due to Over load	105.0MW load interrup.
12:08	12:18	Nabinagar 132/33kV S/S T-1 HT Tripped showing SIPROTEC 7UT85 relays Due to Over Load	105.0MW load interrup.
12:33	13:30	Manikganj 132/33kV S/S 132/33 kV Transformer GT-4 (50/75 MVA) LT Scheduled S/D Due to 33kV GT-4 Redhot.	
	12:38	Faridpur 132/33kV S/S Transformer-2 HT is restored.	
	12:39	Faridpur 132/33kV S/S Transformer-2 LT is restored.	
	12:39	Faridpur 132/33kV S/S Transformer-2 HT is restored.	
13:04	13:46	Chandraghona-Rangamati 132 kV Ckt-2 Scheduled S/D from Chandraghona 132/33kV end Due to Relay functional test performed by SPMD	
13:18	19:52	Ishurdi-Pabna 132kV ckt Forced S/D from Pabna 132/33kV end. and from Ishurdi 132/33kVend.	
14:19	14:57	Chandraghona-Madunaghat 132 kV Ckt-1 Scheduled S/D from Chandraghona 132/33kV end Due to Relay functional test performed by SPMD and from Madunaghat 132/33kV end Due to Annual Relay functional test by SPMD Chattogram at Chandraghona grid .	
	14:37	Khagrachari-Rangamati 132kV Ckt-2 is restored.	
15:00	15:38	Chandraghona-Madunaghat 132 kV Ckt-2 Scheduled S/D from Chandraghona 132/33kV end Due to Relay functional test performed by SPMD and from Madunaghat 132/33kV end Due to Annual Relay functional test by SPMD at Chandraghona Grid	
15:02	18:10	Bog-Sherpur 132/33kV S/S Transformer-3 (424T) LT Forced S/D Due to Oil sample collection	
15:02	18:10	Bog-Sherpur 132/33kV S/S Transformer-3 (424T) HT Forced S/D Due to Oil sample collection	

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	17:21	Meghnaghat-Shyampur 230kV Ckt-2 is restored.	
	17:21	Meghnaghat-Shyampur 230kV Ckt-2 is restored.	
18:47	19:10	Barishal 132/33kV S/S T-1 (405T) LT Tripped showing Instant o/c,definite o/c relays Due to Due to auxiliary transformer fuse fault	50.0MW load interrup.
18:57	19:15	Sreepur 230/132/33kV S/S 132/33 kV T-2 HT Tripped showing Over current Relay relays Due to Over Load	
18:57	19:15	Sreepur 230/132/33kV S/S 132/33 kV T-2 LT Tripped showing Over Current Relay relays Due to Over Load	106.0MW load interrup.
21:00		Evening Peak Generation is 16412 MW.	
21:02	23:08	Nawabganj 132/33kV S/S TR-2 LT Forced S/D Due to Emergency red hot maintenance at 33kV incomer-02, BUS section-02 side.	15.0MW load interrup.
21:03	23:06	Nawabganj 132/33kV S/S TR-2 HT Forced S/D Due to Emergency red hot maintenance at 33kV incomer-02, BUS section-02 side.	15.0MW load interrup.
02:20		Sirajgonj 225MW CCPP Unit-1 Tripped with remarks:- ST	
03:05		Ashuganj 450 MW CCPP(North) Synchronized with remarks:- gt	
04:05	04:48	Bogura(New)-Naogaon 132 kV Ckt-1 Tripped from Naogaon 132/33kV end showing Z-1 (siemens, Siprotec 7SA87), Distance 5.7 km, 1ms relays Due to Thunderstorms	
04:25	04:58	Rampura-Ullon-2 132kV Ckt-2 Tripped from Rampura 230/132kV end showing distance relays.	
04:25	05:11	Maniknagar-Siddhirganj 230kV Ckt-1 Tripped from Maniknagar 230/132kV end showing General Trip, Distance Trip, 21 start L1 and Zone-1 Trip. relays Due to Thunderstrom and from Siddhirganj 230/132kV end showing General Trip,21Trip,zone-2 phase R relays Due to Trip	
04:34	06:41	Maniknagar-Siddhirganj 230kV Ckt-2 Tripped from Maniknagar 230/132kV end showing General Trip, Distance Trip, 21 start L3, 21 start Block and Zone-1 Trip. relays Due to Thunderstrom and from Siddhirganj 230/132kV end showing General Trip, Distance Trip,zone-1,phase B,Fault distance 4.3km relays Due to Trip	194.0MW load interrup. Maniknagar 230/132kV end and 194.0MW load interrup. Siddhirganj 230/132kV end
04:35	05:01	Siddhirganj-Ullon (T at Maniknagar) 132kV Ckt-1 Tripped from Siddhirganj 132/33kV end showing DiSTANCE RELAY 9.4 KM relays Due to DiSTANCE RELAY 9.4 KM , heavy Rainy & stromy wind.	
04:48	05:05	Haripur 230/132kV S/S Ullon (Maniknagar-2) Tripped showing MiCOM1) Ph-B, 2) Zone-1, 3) Inst. Send relays Due to Heavy Rain	
05:27		Sirajgonj 225MW CCPP Unit-1 Synchronized with remarks:- GT	
05:27		Sirajgonj 225MW CCPP Unit-1 Synchronized with remarks:- ST	
06:00		Minimum Generation: 10322 MW.	
07:10	07:40	Rangpur 132/33kV S/S T-2 (404T) LT Tripped showing MICOM 127 relays Due to "Heavy rain and thunderstorms."	
07:10	07:40	Rangpur 132/33kV S/S T-1(414T) LT Tripped showing MICOM 127 relays Due to "Heavy rain and thunderstorms."	
07:55		Srinagar 132/33kV S/S Tr-01 LT Tripped showing Lockout Relay 1, 2Over current relay relays Due to 33 KV Feeder 2 Tripped due to bad weather	10.0MW load interrup.
07:55		Srinagar 132/33kV S/S Tr-02 LT Tripped showing Over Current RelayLockout Relay 1, 2 relays Due to 33 KV Feeder 2 Tripped due to bad weather	10.0MW load interrup.

Sub-Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Network Operation Division