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

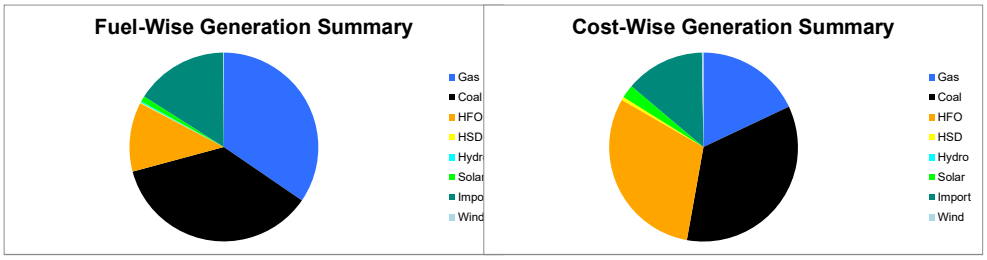
Date : 23-05-2026

Power Supply Scenario

Day Peak Generation	14442.69	MW	12:00 Hr.	Energy Generated	354.47001	MKWHr.
Day Peak Demand	14911.69	MW	12:00 Hr.	Energy Unserverd	7.05200	MKWHr.
Evening Peak Generation	16446.41	MW	19:30 Hr.	Energy Demand	361.52201	MKWHr.
Evening Peak Demand	16957.41	MW	19:30 Hr.	Maximum Temperature	36.30	°C
Minimum Generation of the Day	12988.3	MW	07:00 Hr.	Total Gas Supplied	917.43	MMCFD
Maximum Generation of the Day	16446.41	MW	19:30 Hr.	Production Cost per KWHr	6.76702	Tk.

Zone-wise Generation Summary (MKWHr.)

	Gas	Coal	HFO	HSD	Hydro	Solar	Import	Wind	**Total**
Dhaka Zone	30.64	0.00	11.79	0.00	0.00	0.17	0.00	0.00	42.60
Chattogram Zone	5.30	47.15	12.89	0.00	0.72	0.13	0.00	0.48	66.66
Cumilla Zone	29.37	0.00	7.49	0.00	0.00	0.35	3.17	0.00	40.38
Mymensingh Zone	0.05	0.00	3.05	0.00	0.00	0.20	0.00	0.00	3.30
Sylhet Zone	29.66	0.00	0.00	0.00	0.00	0.04	0.00	0.00	29.70
Khulna Zone	5.61	17.09	0.76	0.04	0.00	0.58	21.08	0.00	45.16
Barishal Zone	8.08	59.32	0.83	0.00	0.00	0.00	0.00	0.00	68.24
Rajshahi Zone	13.68	0.00	3.49	0.00	0.00	1.12	31.90	0.00	50.20
Rangpur Zone	0.00	5.17	1.82	0.39	0.00	0.86	0.00	0.00	8.24
Total	122.38	128.72	42.13	0.43	0.72	3.45	56.15	0.48	354.47



Production Cost (Tk.)

Fuel	**Tk.**	**Fuel**	**Tk.**
Gas	431394815.1	Hydro	72018
Coal	835532583.9	Solar	54841893.9
HFO	731783737.2	Import	325040177.4
HSD	12958009.25	Wind	7081982.4
	Total: 239,87,05,217	Tk.	

E-W Interconnector & Import Scenario

Energy Flow from East to West:	KWHr:	0	Import through HVDC C/B Interconnector:	MKWHr:	21.075636	Peak Hr Flow	38.00 MW at 19:30 hrs
Energy Flow from West to East:	KWHr:	10213363.63	Import through Adani C/B Interconnector:	MKWHr:	31.903273	Peak Hr Flow	43.85 MW at 19:30 hr
ow during Peak Demand (W-E):	MW:	2687	Import through Cumilla C/B Interconnector:	MKWHr:	3.16704	Peak Hr Flow	10.00 MW at 19:30 hrs
Maximum Power Flow (W-E):	MW:	2863	Total Import through C/B Interconnector:	MKWHr:	56.145949	Peak Hr Flow	41.85 MW at 19:30 hr

Zone-wise Load-shed and Demand Summary (MW) at evening peak Hour (19:30 Hr.)

Zone	**Load-Shed**	**Demand**
Dhaka	213	6319
Chattogram	37	1632
Cumilla	27	1612
Mymensingh	200	1263
Sylhet	0	531
Khulna	6	1780
Barishal	6	535
Rajshahi	0	1682
Rangpur	0	990
Total	**489**	**16344**

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
	08:15	Khulna (C) S/S TR-1 425T HT is restored.	
	08:16	Khulna (C) S/S TR-1 425T LT is restored.	
08:22	12:50	Sonargaon 132/33kV S/S Tr-2 LT Scheduled S/D Due to 33kv bushing To Jack bus loop change due To excessive temperature.	50.0MW load interrup.
08:22	08:56	Sherpur 132/33kV S/S Transformer- 01 LT Tripped showing IDMT E/F. relays Due to Nalitabari 33 kv fedder fault & bad weather .	8.0MW load interrup.
08:22	08:56	Sherpur 132/33kV S/S Transformer- 02 LT Tripped showing IDMT E/F relays Due to Nalitabari 33 Kv feeder fault & bad weaher.	8.0MW load interrup.

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08:23	12:49	Sonargaon 132/33kV S/S Tr-2 HT Scheduled S/D Due to 33kv bushing To Jack bus loop change due To excessive temperature.	50.0MW load interrup.
08:39	11:31	Khulna (C) S/S Tr-2 415 T LT Project Work S/D Due to project work	
08:39	11:30	Khulna (C) S/S Tr-2 415 T HT Project Work S/D Due to project work	
	08:45	Chandpur 132/33kV S/S 422T(T-5) HT is restored.	
08:48	17:48	Chandpur 132/33kV S/S Bus A Forced S/D Due to Maintenance	
09:00	16:55	BSRM-Cumilla(N) 230 kV Ckt-2 Project Work S/D from Feni 230/132kV end Due to SAS AND DFDR work witnessing	
09:04	12:05	Agrabad 132/33kV S/S MTR-01 (406T) LT Scheduled S/D Due to Oil leakage problem in the Vacuum Valve.	
	09:04	Keranigonj 230/132/33kV S/S TR-1 HT is restored.	
	09:05	Keranigonj 230/132/33kV S/S TR-1 LT is restored.	
	09:05	Keranigonj 230/132/33kV S/S TR-1 LT is restored.	
09:05	12:04	Agrabad 132/33kV S/S MTR-01 (406T) HT Scheduled S/D Due to Oil leakage problem in the Vacuum Valve.	
09:17	18:31	Feni 132/33kV S/S T-2(415T) HT Scheduled S/D Due to T-2 Breaker Pre Commission	
09:18	18:32	Feni 132/33kV S/S T-2(415T) LT Scheduled S/D Due to T-2 Breaker Pre Commission	
09:19	11:45	Agrabad 132/33kV S/S Auxiliary Transformer-01 HT Scheduled S/D Due to Oil leakage problem in the Vacuum Valve.	
09:22	18:35	Savar 132/33kV S/S T-2 LT Scheduled S/D Due to Relay change work.	
09:23	18:35	Savar 132/33kV S/S T-2 HT Scheduled S/D Due to Relay change work.	
09:24	14:02	Goalpara 132/33kV S/S Goalpara-NWPGCL Scheduled S/D Due to High Temperature Removing Work	
09:45	16:40	Baghabari-Roppur 230kV Ckt-2 Project Work S/D from Baghabari 230/132kV end Due to টেলিকমিউনিকেশন সিস্টেম টেস্টিং এন্ড কমিশনিং.	
	09:45	Rajshahi 132/33kV S/S Transformer T-2(415T) HT is restored.	
	09:46	Rajshahi 132/33kV S/S Transformer T-2(415T) LT is restored.	
	09:48	Rajshahi 132/33kV S/S Transformer T-3 (425T) HT is restored.	
	09:48	Rajshahi 132/33kV S/S Transformer T-3 (425T) LT is restored.	
	10:15	Khulshi-Madunaghat 132kV Ckt-2 is restored.	
10:27	11:47	Rajshahi 132/33kV S/S Transformer T-1(405T) HT Scheduled S/D Due to Maintenance Work	
10:28	11:47	Rajshahi 132/33kV S/S Transformer T-1(405T) LT Scheduled S/D Due to Maintenance Work	
	10:34	Sholosohor 132/33kV S/S Sholoshahar-Khulshi Ckt-2 is restored.	
11:00		Mirsorai 230/33kV S/S TR-1, 718T HT Forced S/D Due to Flashing has been noticed in the secondary side of the transformer. Therefore, it needs to be checked and maintenance	
11:08	16:13	BIPTC S/S 20DF43 Scheduled S/D Due to Tripped for zero sequence over current	
	11:22	Goalpara 132/33kV S/S T-6 HT is restored.	
	11:23	Goalpara 132/33kV S/S T-6 LT is restored.	
11:28	18:51	BIPTC S/S Baharampur-4 Scheduled S/D	
11:41	13:12	Goalpara 132/33kV S/S Bus 1 Scheduled S/D Due to NWPGCL Line High Tempareture Removing Work.	
12:00		Day Peak Generation: 14438 MW.	
12:18	15:12	Bhulta-Ghorasal 230 kV Ckt-1 Forced S/D from Bhulta 400/230kV end.	
12:49	13:40	Kasba 132/33kV S/S Muradnagar-Kasba Ckt-2 Scheduled S/D Due to Shutdown has been taken from Muranagar Substation for removing kite.	
12:53	13:40	Muradnagar 132/33kV S/S 132 KV Muradnagar- Kosba Ckt-02 Forced S/D Due to for kite remove	
13:46		Sirajgonj 400 MW CCPP Unit-4 Shutdown with remarks:- ST	
13:56		Sirajgonj 400 MW CCPP Unit-4 Shutdown with remarks:- GT	
14:09		120/140 MVA,230/33 KV New Txr. TR-2 Charge at 230/33 KV Charfession S/S.	
14:19	15:58	Sunamganj 132/33kV S/S Chhatak-Sunamgonj CKT-2 Forced S/D Due to Due to LA grounding replacement	

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	14:41	Candpur- Kachua 132kV Ckt-2 is restored.	
14:53	17:57	Shyampur 230/132kV S/S Auto TR-1 LT Scheduled S/D Due to Connect with 132kV Bus 1 for commissioning of 132kV Shyampur 01 Bay-E07	
14:53	17:57	Shyampur 230/132kV S/S Auto TR-1 HT Scheduled S/D Due to Connect with 132kV Bus 1 for commissioning of 132kV Shyampur 01 Bay-E07	
15:09	17:17	Candpur- Kachua 132kV Ckt-1 Scheduled S/D from Kachua 230/132/33kV end Due to 132 kv Chandpur -1 has been S/D By Backup NLDC	
15:13	17:10	Kabirpur 132/33kV S/S XFR, T-2 HT Scheduled S/D	80.0MW load interrup.
15:13	17:10	Kabirpur 132/33kV S/S XFR, T-2 LT Scheduled S/D Due to Red Hot Maintanence of Kashimpur -2 Bus DS.	80.0MW load interrup.
15:33	16:57	Barishal 230/132kV S/S ATR-1 LT Scheduled S/D	
15:35	17:30	Candpur- Kachua 132kV Ckt-1 Scheduled S/D from Chandpur 132/33kV end Due to Maintenance work	
16:22	18:37	Khulna (C) S/S TR-1 425T LT Project Work S/D Due to 33 kv loop connector clamp upgradation by using bymetal.	
16:23	18:36	Khulna (C) S/S TR-1 425T HT Project Work S/D Due to 33 loop connector 3 clamp upgradation by using by metal.	
	16:57	Korerhat 400/230/132kV S/S Feni -2 is restored.	
	17:04	Cumilla(N)-Meghnaghat 230 kV Ckt-1 is restored.	
	17:04	Cumilla(N)-Meghnaghat 230 kV Ckt-1 is restored.	
	17:04	Cumilla(N)-Meghnaghat 230 kV Ckt-1 is restored.	
17:09	18:17	Noapara 132/33kV S/S T-2 HT Scheduled S/D Due to None	13.0MW load interrup.
17:09	18:18	Noapara 132/33kV S/S T-2 LT Scheduled S/D Due to Due to Reb-1 Red hot Maintenance.	13.0MW load interrup.
17:14	01:07	Bhulta-Ghorasal 230 kV Ckt-2 Forced S/D from Bhulta 400/230kV end.	
17:48		Chandpur 132/33kV S/S 422T(T-5) HT Forced S/D	
20:46	21:06	Panchagar-Thakurgaon 132kV Ckt-1 Tripped from Panchagarh 132/33kV end showing Micom p442 relays Due to Heavy Thundering	
21:00		Sirajgonj 400 MW CCPP Unit-4 Synchronized with remarks:- GT	
21:52	05:50	Bhulta 132/33kV S/S GT1 LT Forced S/D Due to 33 KV LT Bushing Red Hot	50.0MW load interrup.
21:52	05:50	Bhulta 132/33kV S/S GT1 LT Forced S/D Due to 33 KV LT Bushing Red Hot	50.0MW load interrup.
22:00		Sirajgonj 400 MW CCPP Unit-4 Synchronized with remarks:- ST	
22:02	05:48	Bhulta 132/33kV S/S GT1 HT Forced S/D Due to 33 KV LT Bushing Red Hot	50.0MW load interrup.
22:18		Sirajgonj 400 MW CCPP Unit-4 Synchronized with remarks:- ST	
02:56		SS Power Shutdown with remarks:- U-2	
02:57		SS Power Synchronized with remarks:- U-1 running	
04:17	06:17	Kulaura 132/33kV S/S TR-1 AB LT Tripped showing Differential Protection Relay, Over current protection Relay relays Due to Over current fault	
04:17	06:01	Kulaura 132/33kV S/S TR-1 AB HT Tripped showing Differential Protection Relay, Over current protection Relay relays Due to Over current fault	
05:02	05:30	Brahmanbaria-Shahjibazar 132 kV Ckt-2 Tripped from Brahmanbaria 132/33kV end showing Distance relays Due to Fault and from Shahjibazar 132/33kV end showing Distance Ralay. relays Due to Stormy Weather.	
05:55		Khulshi 132/33kV S/S 405T (T1) LT Scheduled S/D Due to Red hot maintenance	
05:56		Khulshi 132/33kV S/S 405T (T1) HT Scheduled S/D Due to Red hot maintenance	
06:00		Minimum Generation: 12623 MW.	
06:04		Bogura 230/132kV S/S T-02 LT Scheduled S/D Due to Red-hot Maintenance	
06:04		Bogura 230/132kV S/S T-02 HT Scheduled S/D Due to Red Hot Maintenance	
06:14		Manikganj 132/33kV S/S 132/33 kV Transformer GT-3 (50/75 MVA) LT Scheduled S/D Due to Due	30.0MW load

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	to Temperature rise at 33 kV side.	interrup.
06:15	Manikganj 132/33kV S/S 132/33 kV Transformer GT-3 (50/75 MVA) HT Scheduled S/D Due to Due to Temperature rise at 33 kV side.	30.0MW load interrup.
06:37	Barishal 230/132kV S/S T-4 LT Scheduled S/D Due to Red Hot Repair	12.5MW load interrup.
06:38	Barishal 230/132kV S/S T-4 HT Scheduled S/D Due to Red Hot Repair	12.5MW load interrup.
07:06	Niamatpur 132/33kV S/S Transformer-2 (417T) LT Forced S/D Due to 33 kV Bus -2 PBS maintenance	23.0MW load interrup.
07:07	Niamatpur 132/33kV S/S Transformer-2 (417T) HT Forced S/D Due to 33 kV Bus -2 PBS maintenance	23.0MW load interrup.
07:11	Korerhat 400/230/132kV S/S ATR-3(7103T) LT Project Work S/D Due to Shutdown taken by CNTIC due to project work.	
07:13	Korerhat 400/230/132kV S/S ATR-3(7103T) HT Project Work S/D Due to Shutdown taken by CNTIC due to project work.	
07:20	Naogaon 132/33kV S/S T-2 33kV BUS Project Work S/D Due to T-2 33kV CB loop connection	10.0MW load interrup.
07:27	Pabna 132/33kV S/S T-3 LT Scheduled S/D Due to Redhot maintenance work	15.0MW load interrup.
07:27	Pabna 132/33kV S/S T-3 HT Scheduled S/D	15.0MW load interrup.
07:33	Ishurdi 230/132kV S/S 230 kV Bus 2 Scheduled S/D	
07:39	Baghabari-Ishurdi 230 kV Ckt-1 Scheduled S/D from Baghabari 230/132kV end.	
07:53	Jamalpur 132/33kV S/S T-4 HT Scheduled S/D Due to High temperature	15.0MW load interrup.
07:53	Jamalpur 132/33kV S/S T-4 LT Scheduled S/D Due to High temperature	15.0MW load interrup.

Sub-Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Network Operation Division