



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

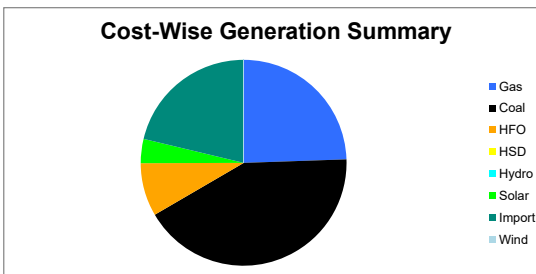
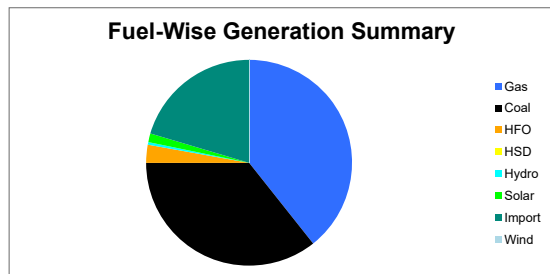
Date : 22-12-2025

Power Supply Scenario

Day Peak Generation	10100.52	MW	12:00 Hr.	Energy Generated	226.94372	MKWHr.
Day Peak Demand	10100.52	MW	12:00 Hr.	Energy Unserverd	0.00000	MKWHr.
Evening Peak Generation	11203.72	MW	18:00 Hr.	Energy Demand	226.94372	MKWHr.
Evening Peak Demand	11203.72	MW	18:00 Hr.	Maximum Temperature	27.50	°C
Minimum Generation of the Day	7349.11	MW	05:00 Hr.	Total Gas Supplied	662.34	MMCFD
Maximum Generation of the Day	11203.72	MW	18:00 Hr.	Production Cost per KWHR	5.61103	Tk.

Zone-wise Generation Summary (MKWHr.)

	Gas	Coal	HFO	HSD	Hydro	Solar	Import	Wind	Total
Dhaka Zone	24.76	0.00	3.81	0.00	0.00	0.15	0.00	0.00	28.73
Chattogram Zone	5.69	39.57	0.63	0.00	0.96	0.11	0.00	0.00	46.96
Cumilla Zone	19.99	0.00	0.72	0.00	0.00	0.38	2.40	0.00	23.49
Mymensingh Zone	0.90	0.00	0.93	0.00	0.00	0.23	0.00	0.00	2.07
Sylhet Zone	12.37	0.00	0.00	0.00	0.00	0.05	0.00	0.00	12.42
Khulna Zone	4.19	11.12	0.00	0.00	0.00	0.29	20.12	0.00	35.72
Barishal Zone	8.15	28.89	0.00	0.00	0.00	0.00	0.00	0.00	37.04
Rajshahi Zone	13.15	0.00	0.00	0.00	0.00	1.00	23.80	0.00	37.95
Rangpur Zone	0.00	1.35	0.35	0.00	0.00	0.87	0.00	0.00	2.57
Total	89.21	80.94	6.45	0.00	0.96	3.08	46.32	0.00	226.94



Production Cost (Tk.)

Fuel	Tk.	Fuel	Tk.
Gas	311472484.8	Hydro	96000
Coal	536266998.4	Solar	48051123.97
HFO	106431671.9	Import	271069280.8
HSD	0	Wind	0
Total:	127,33,87,559		Tk.

E-W Interconnector & Import Scenario

Energy Flow from East to West:	KWHr:	0	Import through HVDC C/B Interconnector:	MKWHr:	20.119272	Peak Hr Flow	902.00 MW at 18:00 hrs.
Energy Flow from West to East:	KWHr:	19821673.1	Import through Adani C/B Interconnector:	MKWHr:	23.802545	Peak Hr Flow	1428.22 MW at 18:00 hrs.
low during Peak Demand (W-E):	MW:	2259	Import through Cumilla C/B Interconnector:	MKWHr:	2.39712	Peak Hr Flow	110.00 MW at 18:00 hrs.
Maximum Power Flow (W-E):	MW:	2398	Total Import through C/B Interconnector:	MKWHr:	46.318937	Peak Hr Flow	2440.22 MW at 18:00 hrs.

Zone-wise Load-shed and Demand Summary (MW) at evening peak Hour (18:00 Hr.)

Zone	Load-Shed	Demand
Dhaka	0	4151
Chattogram	0	1190
Cumilla	0	945
Mymensingh	0	845
Sylhet	0	403
Khulna	0	1271
Barishal	0	308
Rajshahi	0	1000
Rangpur	0	750
Total	0	10863

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
08:10	16:45	Benapole-Jashore 132 kV Ckt-1 Scheduled S/D from Benapole 132/33kV end Due to Annual Maintenance and from Jashore 132/33kV end Due to A/M	
08:21	15:02	Bakulia-Khulshi 132 kV Ckt-1 Scheduled S/D from Bakulia 132/33kV end Due to Annual Maintenance	
08:22	17:11	Kallyanpur-Lalbag 132kV Ckt-2 Scheduled S/D from Kallyanpur 132/33kV end Due to Bay maintenance	
08:25	16:47	Bog-Sherpur 132/33kV S/S Transformer-1 (404T) LT Scheduled S/D Due to Maintenance Work	
08:25	16:46	Bog-Sherpur 132/33kV S/S Transformer-1 (404T) HT Scheduled S/D Due to Maintenance Work	
08:25	17:11	Barishal(N)-Madaripur 132 kV Ckt-2 Scheduled S/D from Madaripur 132/33kV end Due to Annual Maintenance and from Barishal 230/132kV end Due to Annual Maintenance	
08:25	12:28	Bashundhara-Rampura 132 kV Ckt-2 Scheduled S/D from Rampura 230/132kV end Due to Annual maintenance	
08:29	16:16	Ghorasal-Joydeb-B 132kV Ckt-1 Scheduled S/D from Joydebpur 132/33kV end Due to Annual Maintenance	
08:31	15:24	Khulna(C)-Khulna (S) 132kV Ckt-2 Scheduled S/D from Khulna (C) end Due to Annual maintenance and from Khulna(S) 230/132kVend.	
08:31		Chowmuhani-Feni 132 kV Ckt-1 Scheduled S/D from Chowmuhani 132/33kV end Due to Line Re Routing Work	
08:35	13:32	C.nawabganj-Rajshahi 132 kV Ckt-1 Scheduled S/D from Chapai 132/33kV end Due to Annual maintenance	
08:35	10:14	Natore 132/33kV S/S TR-1 (405 T) LT Forced S/D	



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08:35	10:14	Natore 132/33kV S/S TR-2 (415 T) LT Forced S/D
08:36	12:10	Kaliakoir 400/230/132kV S/S 400/230kV TR2 HT Scheduled S/D Due to Annual Maintenance
08:36	10:13	Natore 132/33kV S/S TR-1 (405 T) HT Forced S/D
08:36	12:10	Kaliakoir 400/230/132kV S/S 400/230kV TR2 LT Scheduled S/D Due to Annual Maintenance
08:37	10:13	Natore 132/33kV S/S TR-2 (415 T) HT Forced S/D
08:38	12:04	Patuakhali 132/33kV S/S 425T (T-3) LT Scheduled S/D Due to Due to Tan-Delta test .
08:39	12:03	Patuakhali 132/33kV S/S 425T (T-3) HT Scheduled S/D Due to Due to Tan-Delta test.
08:43	17:09	Khulna(S) 230/132kV S/S TR-3 LT Scheduled S/D Due to Annual maintenance Work
08:43	15:52	BSRM-GPH 230 kV Ckt-1 Scheduled S/D from BSRM 230/33kV end Due to Annual Maintenance Work.
08:44	17:06	Khulna(S) 230/132kV S/S TR-3 HT Scheduled S/D
08:48	16:56	Faridpur 132/33kV S/S 230kV Faridpur-Gopalganj CKT-1 Scheduled S/D Due to Annual maintenance
08:48	18:24	Mymensingh RPCL-Tangail 132kV Ckt-1 Scheduled S/D from Muktagacha 132/33kV end Due to Work for Roads and Highway
08:49		Chowmuhani-Feni 132 kV Ckt-1 Scheduled S/D from Daganbhuiyan 132/33kV end Due to S/D taken by Chowmuhani SS End
08:49	16:56	Gopalganj 400/132kV S/S 230kV Faridpur CKT-01 Scheduled S/D
08:49	15:52	BSRM-GPH 230 kV Ckt-2 Scheduled S/D from GPH 230/33kV end Due to annual maintenance
08:50	17:23	Joypurhat 132/33kV S/S Transformer T-4 (437 T) LT Scheduled S/D Due to yearly Maintenance
08:51	17:22	Joypurhat 132/33kV S/S Transformer T-4 (437 T) HT Scheduled S/D Due to yearly Maintenance
08:52	16:46	Ashuganj-Kishoreganj 132kV Ckt-1 Scheduled S/D from Bajitpur 132/33kV end Due to Deadline check work for Annual maintenance work.
08:55	13:32	Fenchuganj 230/132/33kV S/S AT-01 LT Scheduled S/D Due to Annual Maintenance
08:56	12:11	Kodda 132/33kV S/S Tr-2 (416T) LT Scheduled S/D Due to Am
08:56	13:33	Fenchuganj 230/132/33kV S/S AT-01 HT Scheduled S/D Due to Annual Maintenance
08:56	12:12	Kodda 132/33kV S/S Tr-1 (406T) LT Scheduled S/D Due to AM
08:57	16:44	Shahjibazar-Sreemangal 132kV Ckt-2 Scheduled S/D from Sreemongol 132/33kV end Due to Annual Maintenance and from Shahjibazar 132/33kV end Due to Shutdown For Annual Maintenance.
08:57	12:10	Kodda 132/33kV S/S Tr-1 (406T) HT Scheduled S/D Due to AM
08:57	12:10	Kodda 132/33kV S/S Tr-2 (416T) HT Scheduled S/D Due to Am
09:01	18:12	Aminbazar-Airport(Old) 230kV Ckt-2 Scheduled S/D from Agargaon 230/132kV end Due to Annual Maintenance (Deep Cleaning)
09:13	17:17	Aminbazar-Mirpur 132kV Ckt-1 Scheduled S/D from Mirpur 132/33kV end Due to dead line checking.
09:15	15:52	Magura 132/33kV S/S T-1 (405T) HT Scheduled S/D Due to Annual Maintenance.
09:16	15:55	Magura 132/33kV S/S T-1 (405T) LT Scheduled S/D Due to Annual Maintenance.
09:18	18:13	Aminbazar-Meghnaghat 400kV Ckt-2 Scheduled S/D from Aminbazar 400/230/132kV end Due to Deadline checking and Disc Cleaning and from Meghnaghat 400/230kV end Due to Requested by NLDC
09:19	16:25	Rahanpur 400/132kV S/S Bus Reactor 400 KV Scheduled S/D Due to Due to Maintenance work.
09:21	16:16	Bogura 400/230kV S/S ATR-03 LT Scheduled S/D Due to Annual Maintenance
09:21	16:15	Bogura 400/230kV S/S ATR-03 HT Scheduled S/D Due to Annual Maintenance
09:21	16:32	Mongla 132/33kV S/S T-1 LT Scheduled S/D Due to Annual Maintenance
09:21	16:32	Mongla 132/33kV S/S T-1 HT Scheduled S/D Due to Annual Maintenance
09:28		Chandraghona-Rangamati 132 kV Ckt-1 Scheduled S/D from Rangamati 132/33kV end Due to Deadline Checking and from Chandraghona 132/33kV end Due to Maintenance Work
09:37	15:43	Aminbazar-Manikgonj PP 132kV Ckt-2 Scheduled S/D from Aminbazar 400/230/132kV end Due to Deadline Checking by Savar Grid Substation
09:48	16:19	Kishoreganj 132/33kV S/S Tr-2 (414T) LT Scheduled S/D Due to Annual maintenance
09:49	16:18	Kishoreganj 132/33kV S/S Tr-2 (414T) HT Scheduled S/D Due to Annual maintenance
09:54		Ashuganj 450 MW CAPP(North) Shutdown with remarks:- ST
09:55	17:06	Chattak-Sunamganj 132 kV Ckt-1 Scheduled S/D from Sunamganj 132/33kV end Due to Dead Line Checking
09:56	17:03	Chhatak 132/33kV S/S Sunamganj 1 Scheduled S/D Due to 132 kv chhatak-sunamgang ckt-1 Dead Line Cheaking
10:02	15:59	Rajendrapur 132/33kV S/S MTR-2 LT Project Work S/D
10:02	15:58	Rajendrapur 132/33kV S/S MTR-2 HT Project Work S/D
10:11	16:04	Mahasthangar-Palashbari 132kV Ckt-2 Scheduled S/D from Mahasthangarh 132/33kV end Due to Annual Maintenance
10:23		Ashuganj 450 MW CAPP(North) Shutdown with remarks:- GT
10:31	15:19	Joydebpur 132/33kV S/S GT-2 HT Scheduled S/D Due to Oil Leakage Inspection



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10:37	16:50	Sreepur 230/132/33kV S/S 132 kV BUS-1 Scheduled S/D Due to Annual Maintenance	
10:45	15:51	Haripur 230/132kV S/S 132kV Reserve Bus Sec-2 Scheduled S/D Due to Annual maintenance	
10:45	15:59	Haripur 230/132kV S/S 132kV Reserve Bus Sec-1 Scheduled S/D Due to Annual maintenance	
10:55	16:15	Chandpur 132/33kV S/S 422T(T-5) LT Scheduled S/D Due to SMPD Annual Maintenance	
10:55	16:15	Chandpur 132/33kV S/S 422T(T-5) HT Scheduled S/D Due to SPMD annual Maintenance	
	10:57	Sherpur 132/33kV S/S Transformer- 04 HT is restored.	
10:57	18:08	Kabirpur-Kaliakoir 132kV Ckt-1 Scheduled S/D from Kaliakoir 400/230/132kV end Due to Annual maintenance	
	10:58	Sherpur 132/33kV S/S Transformer- 04 LT is restored.	
11:06		Ashuganj 450 MW CAPP(North) Synchronized with remarks:- GT	
11:13	17:58	Kabirpur-Kaliakoir 132kV Ckt-1 Scheduled S/D from Kabirpur 132/33kV end Due to Annual maintenance	
11:20	16:12	Palashbari 132/33kV S/S TR1-414T LT Forced S/D Due to PT burst	
11:21	16:12	Palashbari 132/33kV S/S TR1-414T HT Forced S/D Due to PT burst	
11:35	18:06	Rampur 230/132/33 S/S ATR-01 (706T) HT Project Work S/D Due to 132kv Loop Restored	
11:35	18:08	Rampur 230/132/33 S/S ATR-01 (706T) LT Project Work S/D Due to 132kv Loop Restored	
11:38	14:09	Chandraghona-Madunaghat 132 kV Ckt-1 Scheduled S/D from Chandraghona 132/33kV end Due to Project Work and from Madunaghat 132/33kV end Due to transformer movement work under this line by project 01	
11:51		Bhaluka 132/33kV S/S BR Powergen Ckt- 01 Project Work S/D Due to CB Open by NLDC	
11:52		Bhaluka 132/33kV S/S BR Powergen Ckt- 02 Project Work S/D Due to CB open by NLDC	
11:59	14:15	Chandpur 132/33kV S/S 402T (T-01) HT Forced S/D Due to Due to Bus section-1 problem	
11:59	14:25	Chandpur 132/33kV S/S 33 kV T-1 Section Forced S/D Due to Voltage fluctuate in CDR2 feeder	8.0MW load interrupt.
12:00		Day Peak Generation: 10096 MW.	
12:10	14:24	Chandraghona-Madunaghat 132 kV Ckt-2 Project Work S/D from Madunaghat 132/33kV end Due to Transformer movement work under this line by project -01. and from Chandraghona 132/33kV end Due to Project Work	
12:14	15:18	Patuakhali 132/33kV S/S 405T (T-1) LT Scheduled S/D Due to Due to Transformer Tan Delta test .	
12:17	15:17	Patuakhali 132/33kV S/S 405T (T-1) HT Scheduled S/D Due to Due to Transformer Tan Delta test .	
12:20	16:12	Ghatail 132/33kV S/S Main Bus-2 Scheduled S/D Due to Annual Maintenance work	
12:27	14:27	Ghatail 132/33kV S/S T-1 LT Forced S/D Due to Remove of nest in D/S.	
12:28	14:26	Ghatail 132/33kV S/S T-1 HT Forced S/D Due to Remove of nest in D/S.	
13:02	15:37	Patuakhali 132/33kV S/S 415T (T-2) LT Scheduled S/D Due to Due to Transformer 2 tan delta test	
13:02	15:36	Patuakhali 132/33kV S/S 415T (T-2) HT Scheduled S/D Due to Due to Transformer 2 tan delta test	
13:34	14:42	Sreepur 230/132/33kV S/S 132/33 kV T-2 LT Forced S/D Due to Red hot Maintenance	
13:34	14:41	Sreepur 230/132/33kV S/S 132/33 kV T-2 HT Forced S/D Due to Red Hot Maintenance	
14:27	16:17	Ghatail 132/33kV S/S T-2 HT Forced S/D Due to Remove of nest in main bus-2 D/S.	
14:27	16:18	Ghatail 132/33kV S/S T-2 LT Forced S/D Due to Remove of nest in main bus-2 D/S.	
	15:56	Madunaghat 400/230kV S/S Madunaghat-Shikalbaha 230kV Ckt.-1 is restored.	
15:58		SS Power Tripped with remarks:- unit-1	
15:58		SS Power Bashkhali Unit-1 tripped.	
15:58		SS Power Tripped with remarks:- unit-1	
15:59		SS Power Synchronized with remarks:- unit-2 (False)	
15:59		SS Power Synchronized with remarks:- unit-2 (False)	
	16:08	Mahasthangar-Palashbari 132kV Ckt-2 is restored.	
16:22		Korerhat- Chowmohoni 230kV circuit-1 & 3 were switched ON for the first time at 16:22 hrs. and 16:23 hrs. respectively.	
	18:08	Kabirpur-Kaliakoir 132kV Ckt-1 is restored.	
19:02		Ashugonj North 360 MW ST was sync.	
19:02		Ashugonj North 360 MW ST was sync.	
19:12		SS Power Bashkhali Unit-1 was sync.	
19:38	20:25	Rangpur 132/33kV S/S T-3 (424T) HT Tripped showing No micom Relay relays Due to E/F of 33 KV Paglapir Feeder	4.0MW load interrupt.
19:38	20:53	Rangpur 132/33kV S/S T-3 (424T) LT Tripped showing micom relay relays Due to E/F of 33 KV Paglapir Feeder	4.0MW load interrupt.
	20:28	Bhulta-Ghorasal 230 kV Ckt-2 is restored.	
	20:45	Ghorasal-Tongi 230kV Ckt-1 is restored.	



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20:54		Ghorasal-Tongi 230kV Ckt-2 is restored.	
22:55	00:50	Rangpur 132/33kV S/S T-2 (404T) LT Forced S/D Due to 33kV Haragach feeder BUS conector red hot.	
22:55	00:50	Rangpur 132/33kV S/S T-2 (404T) HT Forced S/D	
00:34		Rampal 1320 MW (BIFPCL) Synchronized with remarks:- U1	
03:48		Ashuganj (N) tripped, showing generator protection trip.	
03:48		Ashuganj 450 MW CCPP(North) Tripped with remarks:- ST	
04:00		Minimum Generation: 7407 MW.	
04:32	04:51	Bhandaria 132/33kV S/S Transformer-1 LT Tripped showing Protection51N E/F IDMT Trip relays Due to Tripped feeder rajapur 33kv pbs trial. Rajapur feeder CB don't open so T1A is trip.	13.0MW load interrup.
04:32	04:51	Bhandaria 132/33kV S/S Transformer-2 LT Tripped showing Protection 51N E/F IDMT trip relays Due to Tripped feeder rajapur 33kv pbs trial. Rajapur feeder CB don't open so T1A is trip.	13.0MW load interrup.
07:17		Aminbazar 400/230/132kV S/S 230/132kv Tr-01 LT Scheduled S/D Due to Annual Maintenances	
07:18		Aminbazar 400/230/132kV S/S 230/132kv Tr-01 HT Scheduled S/D Due to Annual Maintenances	
07:18		Sherpur 132/33kV S/S Transformer- 03 LT Scheduled S/D Due to Annual Maintenances	10.0MW load interrup.
07:18		Sherpur 132/33kV S/S Transformer- 03 HT Scheduled S/D Due to Annual Maintenances	10.0MW load interrup.
07:22		Ashuganj (N) GT was synch.	
07:22		Ashuganj 450 MW CCPP(North) Synchronized with remarks:- GT	
07:32		Meghnaghat 400/230kV S/S ATR -03 LT Project Work S/D Due to Project work	
07:32		Meghnaghat 400/230kV S/S ATR -03 HT Project Work S/D Due to project work	
07:42		Aminbazar-Mirpur 132kV Ckt-1 Scheduled S/D from Aminbazar 400/230/132kV end Due to Annual Maintenance	
07:44		Bhulta-Ghorasal 230 kV Ckt-2 Scheduled S/D from Bhulta 400/230kV end.	
07:47		Aminbazar-Meghnaghat 400kV Ckt-2 Scheduled S/D from Aminbazar 400/230/132kV end Due to Annual Maintenance	
07:59		Gopalganj 400/132kV S/S 230kV Faridpur CKT-02 Scheduled S/D Due to Annual maintenance	

Sub-Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Network Operation Division