



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

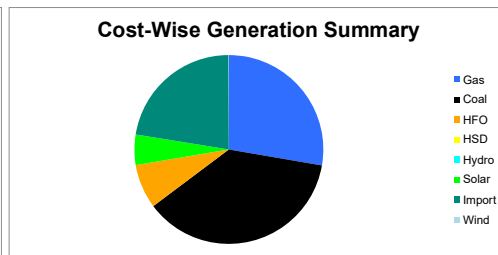
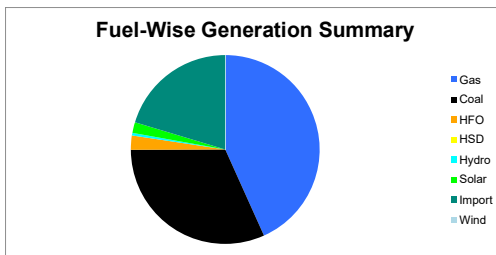
Date : 10-12-2025

Power Supply Scenario

Day Peak Generation	10044.46	MW	12:00 Hr.	Energy Generated	230.31467	MKWHr.
Day Peak Demand	10044.46	MW	12:00 Hr.	Energy Unservd	0.00000	MKWHr.
Evening Peak Generation	11298.42	MW	18:00 Hr.	Energy Demand	230.31467	MKWHr.
Evening Peak Demand	11298.42	MW	18:00 Hr.	Maximum Temperature	28.40	°C
Minimum Generation of the Day	7557.45	MW	05:00 Hr.	Total Gas Supplied	725.35	MMCFD
Maximum Generation of the Day	11298.42	MW	18:00 Hr.	Production Cost per KWHr	5.45550	Tk.

Zone-wise Generation Summary (MKWHr.)

	Gas	Coal	HFO	HSD	Hydro	Solar	Import	Wind	Total
Dhaka Zone	26.74	0.00	2.28	0.00	0.00	0.19	0.00	0.00	29.22
Chattogram Zone	5.90	21.06	0.75	0.00	1.03	0.14	0.00	0.03	28.90
Cumilla Zone	20.86	0.00	0.63	0.00	0.00	0.44	2.37	0.00	24.30
Mymensingh Zone	0.59	0.00	1.32	0.00	0.00	0.29	0.00	0.00	2.19
Sylhet Zone	20.03	0.00	0.00	0.00	0.00	0.06	0.00	0.00	20.09
Khulna Zone	4.07	22.39	0.06	0.00	0.00	0.44	19.36	0.00	46.32
Barishal Zone	8.00	29.45	0.00	0.00	0.00	0.00	0.00	0.00	37.45
Rajshahi Zone	13.53	0.00	0.00	0.00	0.00	1.32	25.09	0.00	39.94
Rangpur Zone	0.00	0.00	0.61	0.00	0.00	1.29	0.00	0.00	1.90
Total	99.72	72.89	5.65	0.00	1.03	4.17	46.82	0.03	230.31



Production Cost (Tk.)

Fuel	Tk.	Fuel	Tk.
Gas	348355001.5	Hydro	102634
Coal	465730896.5	Solar	65758066.72
HFO	94710647.81	Import	281366574.3
HSD	0	Wind	458952
Total:	125,64,82,772	Total:	Tk.

E-W Interconnector & Import Scenario

Energy Flow from East to West:	KWHr:	0	Import through HVDC C/B Interconnector:	MKWHr:	19.358545	Peak Hr Flow	871.00 MW at 18:00 hrs.
Energy Flow from West to East:	KWHr:	50879445.1	Import through Adani C/B Interconnector:	MKWHr:	25.093674	Peak Hr Flow	1356.42 MW at 18:00 hrs.
Flow during Peak Demand (W-E):	MW:	2632	Import through Cumilla C/B Interconnector:	MKWHr:	2.3712	Peak Hr Flow	112.00 MW at 18:00 hrs.
Maximum Power Flow (W-E):	MW:	2724	Total Import through C/B Interconnector:	MKWHr:	46.823419	Peak Hr Flow	2339.42 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	4268
Chattogram	0	1235
Cumilla	0	956
Mymensingh	0	847
Sylhet	0	401
Khulna	0	1250
Barishal	0	306
Rajshahi	0	1030
Rangpur	0	782
Total	0	11075

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
08:06	20:14	Bhulta-Ghorasal 230 kV Ckt-1 Scheduled S/D from Bhulta 400/230kV end Due to By direction of NLDC	
08:07	15:53	Khulna(C)-Noapara 132kV Ckt-2 Scheduled S/D from Noapara 132/33kV end Due to Khulna Central Ckt-2 SD Due ALDC's Instruction. and from Khulna (C) end Due to annual maintenance	
08:07	20:15	Bhulta-Ghorasal 230 kV Ckt-2 Scheduled S/D from Bhulta 400/230kV end Due to By direction of NLDC	



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Date	Time	Description
08:19	15:40	Baghabari-Shahjadpur 132 kV Ckt-2 Scheduled S/D from Shahjadpur 132/33kV end Due to Annual Maintenance(Line Bay)
08:21	15:48	Bogura-Natore 132 kV Ckt-1 Scheduled S/D from Bogura 132/33kV end Due to Annual maintenance and from Natore 132/33kVend.
08:22	20:34	Ghorasal-Tongi 230kV Ckt-1 Scheduled S/D from Tongi 230/132/33kV end Due to Taken by NLDB
08:22	20:34	Ghorasal-Tongi 230kV Ckt-2 Scheduled S/D from Tongi 230/132/33kV end Due to Taken by NLDC
08:24	17:09	Bhulta 400/230kV S/S 230kV Bus-01 Scheduled S/D Due to Annual Maintenance Work
08:28	16:24	Naogaon-Niyamatpur 132kV Ckt-1 Scheduled S/D from Niyamatpur 132/33kV end Due to Annual maintenance
08:29	16:46	Sherpur 132/33kV S/S Transformer- 03 HT Scheduled S/D Due to Annual maintenance.
08:29	16:47	Sherpur 132/33kV S/S Transformer- 03 LT Scheduled S/D Due to Annual maintenance.
08:31	14:04	BSRM-Cumilla(N) 230 kV Ckt-1 Scheduled S/D from Feni 230/132kV end Due to Annual Maintenance at GMD,Ctg(North)
08:35	19:31	Aminbazar-Airport(Old) 230kV Ckt-1 Scheduled S/D from Agargaon 230/132kV end Due to Annual maintenance.
08:39	16:46	Kallyanpur-Lalbag 132kV Ckt-1 Scheduled S/D from Kallyanpur 132/33kV end Due to Annual Maintenance
08:45	17:07	BIPTC S/S 20D09C 20MVA HT Scheduled S/D Due to Annual Maintenance.
08:47	17:27	Bibiyana-Kaliakoir 400 kV Ckt-1 Scheduled S/D from Bibiana 400/230kV end Due to AM
08:47	17:07	Aminbazar-Mirpur 132kV Ckt-2 Scheduled S/D from Mirpur 132/33kV end Due to Annual Maintenance
09:00	20:48	Fenchuganj-Sreemangal 132kV Ckt-1 Scheduled S/D from Sreemongol 132/33kV end Due to Annual Maintenance and from Fenchuganj 230/132/33kV end Due to Sreemongol grid end maintenance work.
09:01	16:49	Chuadanga 132/33kV S/S Jhenaidah-Chuadanga Ckt-2 Scheduled S/D Due to Annual Maintenance.
09:03	16:48	Jhenaidah 132/33kV S/S Jhenaidah-Chuadanga, 132kV Circuit-2(L8) Scheduled S/D Due to Annual maintenance
09:07	15:13	Faridpur 132/33kV S/S Transformer-1 HT Scheduled S/D Due to Annual Maintenance
09:07	15:14	Faridpur 132/33kV S/S Transformer-1 LT Scheduled S/D Due to Annual Maintenance
09:11	17:40	Savar 132/33kV S/S Main Bus-1 Scheduled S/D Due to Annual maintenance work
09:16	14:22	Ghatail 132/33kV S/S Main Bus-2 Scheduled S/D Due to Annual Maintenance
09:28	14:25	Sreepur 230/132/33kV S/S 132/33 kV T-1 LT Scheduled S/D Due to Annual Maintenance
09:28	14:23	Sreepur 230/132/33kV S/S 132/33 kV T-1 HT Scheduled S/D Due to Annual Maintenance
09:29	11:53	BIPTC S/S Block-01, Trafo-01 HT Scheduled S/D Due to Annual Maintenance.
09:29	17:40	Savar 132/33kV S/S 132kV Manikganj PS-Savar Ckt-2 Scheduled S/D Due to Annual maintenance work.
09:43	14:25	Mymensingh RPCL-Tangail 132kV Ckt-1 Scheduled S/D from Ghatail 132/33kV end Due to Annual Maintenance and from Muktagacha 132/33kV end Due to S/D Taken Ghatail S/S
09:43		Ishurdi 230/132kV S/S 230/132 kV T-03 LT Scheduled S/D
09:45		Ishurdi 230/132kV S/S 230/132 kV T-03 HT Scheduled S/D
09:46	17:06	Bajitpur 132/33kV S/S Tr-1(404T) LT Scheduled S/D
09:48	17:05	Bajitpur 132/33kV S/S Tr-1(404T) HT Scheduled S/D
09:50	17:00	Ishurdi 230/132kV S/S 230 kV Bus 1 Project Work S/D Due to G2G Project
09:58	16:49	Tongi 230/132/33kV S/S T-1 LT Scheduled S/D Due to Annual Maintenance
09:59	16:49	Tongi 230/132/33kV S/S T-1 HT Scheduled S/D Due to Annual Maintenance
10:11	14:19	Mymensingh RPCL-Tangail 132kV Ckt-1 Scheduled S/D from Ghatail 132/33kV end Due to Annual Maintenance
10:11	14:03	Tangail 132/33kV S/S Tr-4 LT Scheduled S/D Due to Maintenance work
10:11	14:01	Tangail 132/33kV S/S Tr-4 HT Scheduled S/D Due to Maintenance work
10:11	14:18	Tangail 132/33kV S/S RPCL-1 Scheduled S/D Due to Maintenance work



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10:27	13:11 Siddhirganj 132/33kV S/S 120MW EGCB GT1 Scheduled S/D Due to Lockout relay change
10:31	Khulshi-Madunaghat 132kV Ckt-2 Project Work S/D from Khulshi 132/33kV end Due to Earth wire removal from gentry structure to Tower.
10:44	17:08 Daudkandi 132/33kV S/S Transformer-3 LT Scheduled S/D Due to SPMD Work
10:45	17:06 Daudkandi 132/33kV S/S Transformer-3 HT Scheduled S/D Due to SPMD Work
10:58	15:45 Meghnaghat 400/230kV S/S 230kV BUS Section 02 Scheduled S/D Due to 230 kV Bus Section- 2 shutdown instructed by NLDC
10:59	Bhulta-Narsingdi 132 kV Ckt-1 Project Work S/D from Bhulta 132/33kV end.
11:02	Sonargaon 132/33kV S/S Bashundhara Line Scheduled S/D Due to Due to Bashundhara repair and maintenance work
11:10	15:52 Meghnaghat 230/132kV S/S Bus2 Project Work S/D Due to maintenance work.
11:38	11:48 Lalmonirhat-Rangpur 132 kV Ckt-2 Forced S/D from Lalmonirhat 132/33kV end Due to Load transfer Bus coupler Breaker to Line Breaker
12:00	Day Peak Generation: 10041 MW.
12:17	14:28 Joydebpur 132/33kV S/S GT-4 HT Forced S/D Due to Oil inspection of buchholz relay
12:30	17:07 BIPTC S/S Block-02, Trafo-01 HT Scheduled S/D Due to Annual Maintenance.
12:53	13:28 Bajitpur 132/33kV S/S 132 kV Bus-1 Scheduled S/D
	13:30 Bajitpur 132/33kV S/S 132 kV Bus-2 is restored.
13:37	15:10 Bajitpur 132/33kV S/S 132 kV Bus-1 Scheduled S/D
13:37	17:10 Bajitpur 132/33kV S/S 132 kV Bus-2 Scheduled S/D
14:14	16:02 BSRM-Cumilla(N) 230 kV Ckt-2 Scheduled S/D from Feni 230/132kV end Due to mirsora annual maintenance.
14:24	14:38 Chandpur 132/33kV S/S 422T(T-5) HT Forced S/D Due to For removing tree branches
14:47	16:40 Ramganj 132/33kV S/S 132 Kv Bus-B Scheduled S/D Due to Annual Maintenance
	14:54 Sylhet (South) S/S Sylhet (S)-Biyaniabazar 132KV Ckt-2 is restored.
	14:54 Sylhet (South) S/S Sylhet (S)-Biyaniabazar 132KV Ckt-1 is restored.
	16:24 Naogaon-Niyamatpur 132kV Ckt-1 is restored.
	16:39 Ramganj 132/33kV S/S Transformer -02 LT is restored.
	16:46 Barishal-Bhandaria 132 kV Ckt-1 is restored.
	17:11 Cox'sbazar-Dohazari 132 kV Ckt-2 is restored.
17:16	Purbasadipur GIS-EPVTL ckt-1 was switched ON for the first time
	17:16 Purbasadipur-Thakurgaon-EPV 132kV Ckt-1 is restored.
	17:59 Hasnabad 230/132kV S/S AUTO TR-3 HT is restored.
	17:59 Hasnabad 230/132kV S/S AUTO TR-3 LT is restored.
18:00	Evening peak generation 11298 MW
18:13	Purbasadipur-Thakurgaon-EPV 132kV Ckt-2 Project Work S/D from Purbasadipur 132/33kV end.
	19:03 Halishahar-Khulshi 132kV Ckt-1 is restored.
19:12	Anandabazar 132/33 kV grid substation's 132 kV bus was charged for the first time through Halishahar-Anandabazar ckt-1
	20:54 Barguna 132/33kV S/S Transformer-2 HT is restored.
	20:57 Barguna 132/33kV S/S Transformer-2 LT is restored.
21:29	Fenchuganj-Sreemangal 132kV Ckt-1 Scheduled S/D from Fenchuganj 230/132/33kV end Due to Line Ds insulator crack
05:00	Minimum Generation: 7477 MW.
	06:28 Madanganj 132/33kV S/S Madanganj -Shitalakhya 132 kv Ckt is restored.
06:51	Halishahar-Khulshi 132kV Ckt-1 Project Work S/D from Halishahar 132/33kV end Due to ESPNER Project Work
07:03	Hasnabad-Sitalakhya 132kV Ckt-1 Scheduled S/D from Hasnabad 132/33kV end Due to Red Hot Problem solving.



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07:06 Ashuganj 420 MW CCPP (East) tripped.

07:42 Bhulta-Ghorasal 230 kV Ckt-1 Scheduled S/D from Bhulta 400/230kV end.

07:44 Bhulta-Ghorasal 230 kV Ckt-2 Scheduled S/D from Bhulta 400/230kV end.

07:48 Cox'sbazar-Dohazari 132 kV Ckt-2 Scheduled S/D from Coxsbazar 132/33kV end Due to Annual maintenance

08:00 Mithapukur 132/33kV S/S TR-2 (414T) LT Tripped showing Y-phase OPTD,NON DIR O/C PROTN OPTD,86C RELAY. relays Due to PIRGONJ FEEDER PHASE OUT. 23.0MW load interrup.

08:00 Mithapukur 132/33kV S/S TR-1(404T) LT Tripped showing Y-phase OPTD,NON DIR O/C PROTN OPTD,86C RELAY. relays Due to Pirgonj feeder Y- phash out 23.0MW load interrup.

Sub-Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Network Operation Division