



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

Date : 09-12-2025

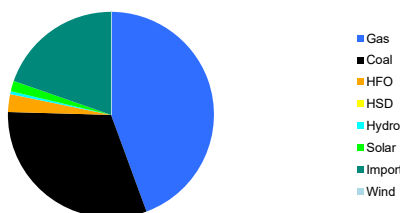
**Power Supply Scenario**

Day Peak Generation	10036.32	MW	12:00 Hr.	Energy Generated	227.80138	MKWHr.
Day Peak Demand	10036.32	MW	12:00 Hr.	Energy Unserviced	0.00000	MKWHr.
Evening Peak Generation	11152.92	MW	18:00 Hr.	Energy Demand	227.80138	MKWHr.
Evening Peak Demand	11152.92	MW	18:00 Hr.	Maximum Temperature	27.20	°C
Minimum Generation of the Day	7603.12	MW	04:00 Hr.	Total Gas Supplied	740.42	MMCFD
Maximum Generation of the Day	11152.92	MW	18:00 Hr.	Production Cost per KWHr	5.44835	Tk.

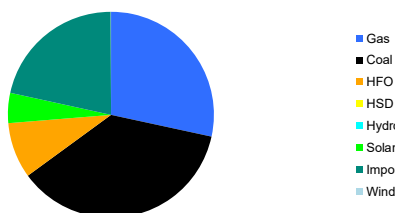
**Zone-wise Generation Summary (MKWHr.)**

	Gas	Coal	HFO	HSD	Hydro	Solar	Import	Wind	Total
Dhaka Zone	26.34	0.00	3.37	0.00	0.00	0.00	0.00	0.00	29.72
Chattogram Zone	5.65	19.81	0.27	0.00	1.08	0.12	0.00	0.01	26.92
Cumilla Zone	21.35	0.00	0.24	0.00	0.00	0.39	2.37	0.00	24.34
Mymensingh Zone	0.93	0.00	1.30	0.00	0.00	0.28	0.00	0.00	2.50
Sylhet Zone	20.03	0.00	0.00	0.00	0.00	0.06	0.00	0.00	20.09
Khulna Zone	5.34	21.93	0.00	0.00	0.00	0.39	19.14	0.00	46.80
Barishal Zone	7.95	29.07	0.00	0.00	0.00	0.00	0.00	0.00	37.02
Rajshahi Zone	13.48	0.00	0.00	0.00	0.00	1.24	23.29	0.00	38.00
Rangpur Zone	0.00	0.00	1.16	0.00	0.00	1.24	0.00	0.00	2.40
<b>Total</b>	<b>101.06</b>	<b>70.81</b>	<b>6.33</b>	<b>0.00</b>	<b>1.08</b>	<b>3.71</b>	<b>44.80</b>	<b>0.01</b>	<b>227.80</b>

**Fuel-Wise Generation Summary**



**Cost-Wise Generation Summary**



**Production Cost (Tk.)**

Fuel	Tk.	Fuel	Tk.
Gas	352831320.2	Hydro	107658
Coal	453291521.7	Solar	58557419.87
HFO	108491293.3	Import	267734900.9
HSD	0	Wind	127094.4
<b>Total:</b>	<b>124,11,41,208</b>		<b>Tk.</b>

**E-W Interconnector & Import Scenario**

Energy Flow from East to West:	KWHr:	0	Import through HVDC C/B Interconnector:	MKWHr:	19.142545	Peak Hr Flow:	344.00 MW at 18:00 hrs.
Energy Flow from West to East:	KWHr:	50005836.37	Import through Adani C/B Interconnector:	MKWHr:	23.2902	Peak Hr Flow:	329.92 MW at 18:00 hrs.
Flow during Peak Demand (W-E):	MW:	2516	Import through Cumilla C/B Interconnector:	MKWHr:	2.36832	Peak Hr Flow:	114.00 MW at 18:00 hrs.
Maximum Power Flow (W-E):	MW:	2807	Total Import through C/B Interconnector:	MKWHr:	44.801065	Peak Hr Flow:	287.92 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	4097
Chattogram	0	1146
Cumilla	0	921
Mymensingh	0	890
Sylhet	0	401
Khulna	0	1260
Barishal	0	309
Rajshahi	0	1013
Rangpur	0	778
<b>Total</b>	<b>0</b>	<b>10815</b>

**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
<b>Total Unavailable Capacity</b>			<b>300</b>		

**Event Summary**

Outage Time	Restoration Time	Description of Event	Description of Event
08:07	20:22	Aminbazar 400/230/132kV S/S 230/132kV Tr-02 HT Scheduled S/D Due to Annual maintenance	
08:07	20:24	Aminbazar 400/230/132kV S/S 230/132kV Tr-02 LT Scheduled S/D Due to Annual maintenance	
08:21	16:32	Sherpur 132/33kV S/S Transformer- 03 LT Scheduled S/D Due to Annual Maintenance.	
08:22	16:31	Sherpur 132/33kV S/S Transformer- 03 HT Scheduled S/D Due to Annual Maintenance.	
08:23	10:12	Feni 230/132kV S/S ATR-1 HT Project Work S/D Due to GIB EARTHING WORK	
08:23	16:55	Jhenaidah 132/33kV S/S Jhenaidah-Chuadanga, 132kV Circuit-2(L8) Scheduled S/D Due to Annual maintenance	
08:24	16:43	Ramganj 132/33kV S/S Transformer-01 HT Scheduled S/D Due to Annual Maintenance	
08:24	16:43	Ramganj 132/33kV S/S Transformer-01 LT Scheduled S/D Due to Annual Maintenance	
08:29		Bibiyana-III 400 MW CCPP, FGMO is OFF with remarks:-	
08:31	17:09	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 Project & bay annual maintenance work	
08:37	17:05	Aminbazar-Airport(Old) 230kV Ckt-1 Scheduled S/D from Agargaon 230/132kV end Due to Annual maintenance.	
08:38	18:00	Fenchuganj-Sreemangal 132kV Ckt-1 Scheduled S/D from Sreemongol 132/33kV end Due to annual maintenance	
08:40	17:48	Natore 132/33kV S/S TR-4 (435 T) LT Scheduled S/D	
08:40	16:18	Bogura-Natore 132 kV Ckt-1 Scheduled S/D from Bogura 132/33kV end Due to Annual	



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Maintenance work. and from Natore 132/33kVend.

08:41	17:47	Natore 132/33kV S/S TR-4 (435 T) HT Scheduled S/D	
08:42	17:31	Gopalganj 400/132kV S/S ATR-03 LT Scheduled S/D Due to None	
08:42	17:30	Gopalganj 400/132kV S/S ATR-03 HT Scheduled S/D	
08:48	14:51	Sirajganj 132/33kV S/S T1-(415) HT Scheduled S/D Due to Annual maintenance work	
08:48	14:51	Sirajganj 132/33kV S/S T1-(415) LT Scheduled S/D Due to Annual maintenance work	
08:50	14:10	Ramganj 132/33kV S/S 132 Kv Bus- A Scheduled S/D Due to Annual Maintenance	
08:51	16:45	Kallyanpur-Lalbag 132kV Ckt-1 Scheduled S/D from Kallyanpur 132/33kV end Due to For annual maintenance	
08:51		Naogaon-Niyamatpur 132kV Ckt-1 Scheduled S/D from Niyamatpur 132/33kV end Due to Annual Maintenance and from Naogaon 132/33kV end Due to Annual maintenance	
08:55	14:24	Barishal-Barishal(N) 132 kV Ckt-2 Scheduled S/D from Barishal 230/132kV end Due to Annual maintenance and from Barishal 132/33kV end Due to Annual maintenance work.	
08:55	19:24	Faridpur 132/33kV S/S Transformer-1 LT Scheduled S/D Due to ANNUAL MAINTENANCE.	
08:55	19:23	Faridpur 132/33kV S/S Transformer-1 HT Scheduled S/D Due to Annual Maintenance.	
08:56	19:43	Haripur 230/132kV S/S 132KV Bhulta-2 Scheduled S/D Due to Annual maintenance	
08:57	15:50	Bibiyana-Kaliakoir 400 kV Ckt-1 Scheduled S/D from Bibiana 400/230kV end.	
08:59	15:52	Kaliakoir 400/230/132kV S/S Bibiyana1 Scheduled S/D	
09:04	18:00	Fenchuganj-Sreemangal 132kV Ckt-1 Scheduled S/D from Fenchuganj 230/132/33kV end Due to Annual Maintenance	
09:09	17:02	Aminbazar-Mirpur 132kV Ckt-2 Scheduled S/D from Mirpur 132/33kV end.	
09:12	16:58	Savar 132/33kV S/S 132kV Manikganj PS-Savar Ckt-1 Scheduled S/D Due to Annual maintenance	
09:17	16:53	Satmasjid 132/33kV S/S Auxiliary Tr-2 LT Scheduled S/D Due to Annual maintenance	
09:22	16:56	Chudanga 132/33kV S/S Jhenaidah-Chudanga Ckt-2 Scheduled S/D Due to Annual Maintenance.	
09:28	17:43	Sreepur 230/132/33kV S/S 132/33 kV T-1 HT Scheduled S/D Due to Annual Maintenance	
09:28	17:44	Sreepur 230/132/33kV S/S 132/33 kV T-1 LT Scheduled S/D Due to Annual Maintenance	
09:33	16:44	Satmasjid 132/33kV S/S 132/33 KV Transformer-2 HT Scheduled S/D Due to Annual Maintenance	
09:33		Sirajganj 132/33kV S/S T4-(445) HT is restored.	
09:33		Sirajganj 132/33kV S/S T4-(445) LT is restored.	
09:38	16:27	Hathazari 230/132/33kV S/S Raojan-02 Scheduled S/D Due to Annual maintenance (Dead line checking)	
09:40	15:10	Bajitpur 132/33kV S/S Tr-2(414T) LT Scheduled S/D	
09:40	15:09	Bajitpur 132/33kV S/S Tr-2(414T) HT Scheduled S/D	
09:52	17:26	Mymensingh RPCL-Tangail 132kV Ckt-2 Scheduled S/D from Muktagacha 132/33kV end. and from Ghatail 132/33kV end Due to Annual Maintenance and from Ghatail 132/33kV end Due to Annual Maintenance	
09:58	15:51	Brahmanbaria 132/33kV S/S 402T LT Scheduled S/D	
09:58	15:51	Brahmanbaria 132/33kV S/S 402T HT Scheduled S/D	
10:06	17:29	Ghatail 132/33kV S/S Main Bus-1 Scheduled S/D Due to Annual Maintenance	
10:27	13:49	Feni 230/132kV S/S ATR-2 LT Project Work S/D Due to GIB EARTHING WORK	
10:29	13:48	Feni 230/132kV S/S ATR-2 HT Project Work S/D Due to GIB Earthing.	
12:12		Rampur 230/132/33 S/S Halishahar-1 Scheduled S/D Due to S/D on Demand of Halishahar	
12:15	18:12	Halishahar-Khulshi 132kV Ckt-1 Project Work S/D from Halishahar 132/33kV end.	
12:17		Hasnabad 230/132kV S/S AUTO TR-2 HT is restored.	
12:18		Hasnabad 230/132kV S/S AUTO TR-2 LT is restored.	
12:21		Rampur 230/132/33 S/S TR 02 (417T) HT is restored.	
12:34	18:22	Halishahar-Khulshi 132kV Ckt-2 Project Work S/D from Halishahar 132/33kV end Due to ESPNER project work	
12:34		Rampur 230/132/33 S/S Halishahar-2 Scheduled S/D Due to S/D on demand of halishahar	
12:42	19:48	Hasnabad 230/132kV S/S AUTO TR-3 LT Scheduled S/D Due to Annual Maintenance	
12:42	19:47	Hasnabad 230/132kV S/S AUTO TR-3 HT Scheduled S/D Due to Annual Maintenance	
13:37	16:44	Chandina-Cumilla(N) 132 kV Ckt-1 Project Work S/D from Chandina 132/33kV end Due to NLDC -SAS Intrigation by CNEEC	
14:20	16:45	Ramganj 132/33kV S/S 132 Kv Bus-B Scheduled S/D Due to Annual Maintenance	
15:04	15:39	Faridpur 132/33kV S/S Transformer-3 LT Scheduled S/D	
15:05	15:38	Faridpur 132/33kV S/S Transformer-3 HT Scheduled S/D	
15:09	16:20	Haripur 230/132kV S/S 132kV Reserve Bus Sec-1 Scheduled S/D Due to Work on 132 KV Bhulta-2 DS-232S.	
15:10	16:07	Nawabganj 132/33kV S/S TR-2 HT Forced S/D Due to Red hot maintenance at 33kV incomer-2, 33kV Bus side.	9.0MW load interrup.
15:15	18:18	Feni 230/132kV S/S ATR-3 LT Project Work S/D Due to GIB boanding earthing connection by	



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project

15:16	18:17	Feni 230/132kV S/S ATR-3 HT Project Work S/D Due to GIB bonding earthing connection by project	
15:55		Full interruption (240MW) occurred from 15:55 hrs to 16:16 hrs at Kodda 132/33kV substation due to the tripping of Kabirpur-Kodda 132kV ckt-1. Ckt-2 was in shut down condition. Now, no interruption is occurring.	
16:10		Nawabganj 132/33kV S/S TR-2 LT is restored.	
16:47		Cox'sbazar-Dohazari 132 kV Ckt-2 is restored.	
16:50		Satmasjid 132/33kV S/S 132/33 KV Transformer-2 LT is restored.	
17:42		Cumilla(S) 132/33kV S/S TR-2 LT is restored.	
17:42		Cumilla(S) 132/33kV S/S TR-2 HT is restored.	
18:00		Evening Peak Generation is 11152 MW.	
18:26		Barguna 132/33kV S/S Transformer-2 LT Tripped showing ABB REF615 (33 kV Incomer-2) relays Due to 33 kV BREB-2( Betagi PBS) feeder has tripped due to earth fault (Earth wire cutoff)	14.0MW load interrup.
18:26		Barguna 132/33kV S/S Transformer-2 HT Tripped showing ABB REC650, ABB RET670,ABB RET650. relays Due to 33 kV CB Failure(33 kV Incomer-2)	14.0MW load interrup.
18:26	19:35	Barguna 132/33kV S/S Transformer-1 LT Tripped showing ABB(REF615) relays Due to 33 kV BREB-2( Betagi PBS) feeder has tripped due to earth fault (Earth wire cutoff)	14.0MW load interrup.
21:07		Bhulta-Ghorasal 230 kV Ckt-1 is restored.	
21:11		Bhulta-Ghorasal 230 kV Ckt-2 is restored.	
23:03		Bhulta-Haripur 132 kV Ckt-1 is restored.	
05:00		Minimum Generation: 7556 MW.	
05:10		Halishahar-Khulshi 132kV Ckt-1 Project Work S/D from Halishahar 132/33kV end Due to Due to LILO Cable Connection work at Anandabaza Grid S/S.	
05:11		Halishahar-Khulshi 132kV Ckt-2 Project Work S/D from Halishahar 132/33kV end Due to Due to LILO Cable Connection work at Anandabaza Grid S/S.	
07:14		Barishal-Bhandaria 132 kV Ckt-1 Scheduled S/D from Barishal 132/33kV end Due to Annual Maintenance and from Bhandaria 132/33kV end Due to Annual maintenance	
07:17		Hasnabad 230/132kV S/S AUTO TR-3 HT Scheduled S/D Due to annual maintenance	
07:17		Hasnabad 230/132kV S/S AUTO TR-3 LT Scheduled S/D Due to annual maintenance	
07:50		Cox'sbazar-Dohazari 132 kV Ckt-2 Scheduled S/D from Coxsbazar 132/33kV end Due to Annual Maintenance Doh-Cox Ckt-2 (Cox's Bazar Side)	
07:59		Ramganj 132/33kV S/S Transformer -02 LT Scheduled S/D Due to Annual Maintenance work	

Sub-Divisional Engineer  
Network Operation Division

Executive Engineer  
Network Operation Division

Superintendent Engineer  
Network Operation Division